



Dr S SURESH KUMAR

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CV Raman Nagar, Bangalore 560093
Karnataka State, India

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EXECUTIVE SUMMARY

Innovative, Research Oriented, Quality Minded and result oriented Disruptive Data Scientist cum Artificial Intelligence professional with 28+ years of experience executing data-driven analytical solutions to increase efficiency, accuracy and utility of internal data processing. Master in Experiential Learning methodology. Experienced at creating predictive data models, BeSpoke ML/DL algorithms for efficient AI and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems as well for effective/efficient BI / BA using TABLEAU / Power BI. Ensures success at work using KANBAN and SCRUM methodologies at workplace.

PROFESSIONAL ACCUMEN

- Design and deployment of bespoke ML/DL algorithms
- Strong skills in ETL of data in innovative manner
- Master designer in TABLEAU, Power BI for effective Business Intelligence
- Master in using 'Intelligent' algorithms in solving Industry ready problems
- Strong in Usage of all PYTHON libraries with strong Data Visualization skills
- Deep Knowledge in imparting training in Data Science including corporate training
- Strong Project Management skills in 'Data Science' projects
- Strong experience in bridging gap between theory and practice
- Developed intricate algorithms based on deep-dive statistical analysis and predictive data modelling that were used to deepen relationships, strengthen longevity and personalize interactions with customers.
- Analysed and processed complex data sets using advanced querying, visualization and analytics tools.
- Identified, measured, and recommended improvement strategies for KPIs across all business areas.
- Hands on experience in implementing Data Science solutions in Automotive, Finance, Healthcare, Engineering and Banking Domain

EXPERTISE

- AI/ ML/ DL
- Smart Decision Analytics
- Handling Big Data using HADOOP / PySpark / MLOps
- Data Mining and Visualization Tools

- Predictive Modelling
- Data driven personalisation
- KPI Dashboards and BPI Plans
- Business Process Insights
- Scalable ML / DL algorithms
- Data Science solutions in R / PYTHON / JULIA
- Data Visualization using TABLEAU and Power BI
- BI / BA using TABLEAU / Power BI
- Research, Reports and Forecasts
- Cognitive / Predictive / Predictive analytics
- Analytical decisions under extreme uncertainty
- Orchestration of Generative AI solutions

CAREER CONTOUR

Mar 2019 to Till
Date

CTO BRAIN TOWER OMAN

Additional Duties :

- ***PYWIZ ANALYTICA Pvt Ltd BANGALORE***
- ***Corporate Data Science and AI Solution Developer***

Consultant Data Science Trainer / Corporate Consultant for training and projects for students and working professionals (diverse)

- Established strategy dashboards and charts informing and compiling multiple strategies and user insights of various departmental stores , improving data visibility by 45%
- Created and presented models for potential holdings to senior managers for various manufacturing industries , achieving 20% higher returns compared to previous years
- Executed and Implemented demand forecasting models for warehouse management improving accuracy by 55%
- Implemented JIT techniques for effective warehouse management on PAN India, thereby achieved cost savings by 30%
- Updated existing data streamlining processes, resulting in 18% redundancy reduction
- Accurate forecasting of marine R.U spares resulting in 90% increased availability of warships
- Accurate time series forecast of electrical load of warships, resulting in 45% saving of electrical power
- Used predictive analytics using Machine Learning techniques to forecast company sales with over 95% accuracy
- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals
- Instrumental in designing value added courses in Data Science to Elite professionals across the world

Mar 18
to Feb 19

DATA SCIENCE CONSULTANT / DIRECTOR, TULAS INSTITUTE DEHRADUN, CTO BRAIN TOWER OMAN

Responsible for reviewing data to develop and implement ML algorithms in systems interface to drastically cut down on manual

time reports and increase reliability

- Worked directly with other software engineers to cut down on problemsolving and increase development time
- Actively participated in Machine Learning conventions and events to stay up to date with new Industry advancements
- Collaborated with industry professionals to create new research and Machine Learning Opportunities
- Used Data Science techniques (TABLEAU) in education sector for UTU for effective visualisation and decision making of educational data
- Academic content development and credit framework preparation in Data Science
- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals

Aug 2016
to 07 Mar
2018

DATA SCIENCE CONSULTANT / PRINCIPAL, R.S GROUP OF INSTITUTIONS

- Established strategy dashboards and charts informing and compiling multiple strategies and user insights of various departmental stores , improving data visibility by 45%
- Created and presented models for potential holdings to senior managers for various manufacturing industries , achieving 20% higher returns compared to previous years
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- Implemented JIT techniques for effective warehouse management on PAN India, thereby achieved cost savings by 30%
- Updated existing data streamlining processes, resulting in 18% redundancy reduction
- Accurate time series forecast of electrical load of warships, resulting in 45% saving of electrical power
- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals

20 Feb 16 to Jul
2016

**PROFESSOR AND CAMPUS DIRECTOR
CMR University, Bangalore**

- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals
- Sphere headed revision of curriculum to include emerging technologies

Feb 2014
to 19 Feb
16

**DEAN (ACADEMICS) & Sr PROFESSOR (CS) / AVP –
LEARNING TECHNOLOGY/ON DEMAND DATA SCIENTIST
Mahendra Educational Group / GA Software Technology Pvt Ltd,
Bangalore**

- Established strategy dashboards and charts informing and compiling multiple strategies and user insights of various

- departmental stores , improving data visibility by 45%
- Created and presented models for potential holdings to senior managers for various manufacturing industries , achieving 20% higher returns compared to previous years
- Executed and Implemented demand forecasting models for warehouse management improving accuracy by 55%
- Implemented JIT techniques for effective warehouse management on PAN India, thereby achieved cost savings by 30%
- Updated existing data streamlining processes, resulting in 18% redundancy reduction
- Accurate time series forecast of electrical load of warships, resulting in 45% saving of electrical power
- Academic content development and credit framework preparation in Data Science
- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals

Nov 1993 to Jan 2014

GOVT OF INDIA / HEAD DATA SCIENCE Professor / Director (Trainer & Course Planner/Designer) and SME (CSE)

- over 3 years teaching experience at Mauritius and Eritrea
- Executed and Implemented demand forecasting models for Warehouse Management improving accuracy by 55% to Government Exchequer
- Implemented JIT techniques for effective warehouse management on PAN India, thereby achieved cost savings by 30%
- Updated existing data streamlining processes, resulting in 18% redundancy reduction
- Accurate forecasting of marine spares resulting in 90% increased availability of warships
- Accurate time series forecast of electrical load of warships, resulting in 45% saving of electrical power
- Solving multiple issues in warehouse analytics on PAN India, resulting in saving of over 45% of Government exchequer
- Academic content development and credit framework preparation in Data Science
- Delivered practical hands-on training in Data Science to Indian and Overseas Nationals

EDUCATION

2013	<u>Computer Science</u> Doctor of Philosophy [Ph.D] (Computer Science / Data Science) Manomanian Sundarnar University (<i>Tamil Nadu Govt University</i>)	Tamil Nadu
1999	Masters of Science (M.S) – By Research Birla Institute of Technology and Science	Pilani

Management

- | | | |
|------|---|-------|
| 2009 | Post Graduate Diploma in Management (PGDIM)
Indira Gandhi National Open University | Delhi |
| 1996 | Post Graduate Diploma in Marketing Management (PGDMM)
Indira Gandhi National Open University | Delhi |

Mechanical

- | | | |
|------|--|-------|
| 1995 | Advanced Marine Propulsion and Control Technology
Institute of Armament Technology (DRDO) | Pune |
| 1994 | Bachelor of Technology (Mechanical)
Jawaharlal Nehru University | Delhi |

PROFESSOR-OF-PRACTICE (DATA SCIENCE & AI)

- *Professor of Practice (DATA SCIENCE AND AI), NITTE UNIVERSITY Mangalore, Since 2024*
- *Visiting Faculty – Universal Business School, Mumbai, Since 2024*
- *Associate Professor (DATA SCIENCE) – LIGS University,U.S.A, , Since 2023*
- *Adjunct Faculty (Data Science) – MANIPAL ACADEMY OF HIGHER EDUCATION, Manipal, , Since 2023*
- *Visiting Faculty, YESBUD University (Data Science and AI)Zambia , Since 2024*

ACADEMIC CERTIFICATIONS

- **Professional Engineer & Management Course in Nuclear, Biological, Chemical Defence and Damage Control including Fire Fighting** from NBCD School, Indian Navy, Lonavla in 1999
- **Certified Hardware – OS – Networking professional** by GVPCE, Visakhapatnam (Aug 2003)
- **Certified Internal Software Quality Auditor, STQC Govt of India (24 – 26 Sep 2012)**
- **Specialist Network Manager** from NIIT, Mumbai in 2005
- **Noise and Vibration Professional** from Centre for Marine Engineering and Technology, INSShivaji, Indian Navy in 2008
- **Certified Software Test Manager, STQC Govt of India, 10 Oct 2013**

SKILL SET

Languages : R, PYTHON, JULIA
Business Intelligence : TABLEAU, Power BI
Language Processing : NLP, NLTK, Spacy
Query : SQL, PostGRE SQL,
Database : MongoDB

Algorithms : AI, ML, DL
GenAI. : Prompt Engineering, LLM, RAG
Statistics using R & PYTHON
Visualisation. : ggplot2, qqplot, MATPLOTLIB, BOKEH, SEABORN
Automation. : RPA
Frameworks : HADOOP, MAPREDUCE, SPARK
Deployment : PySpark, Cloud
Analytics, MLOps
RAD Tools : STREAMLIT
Blockchain Technology

ACADEMIC RESEARCH

Google Scholar
https://scholar.google.com/citations?view_op=list_works&hl=en&user=nTrc-twAAAAJ

ORCID ID : 0009-0000-1503-3874

REGISTERED DATASCIENCE TRAINER

- iTrain Asia, Malaysia – w.e.f Sep 2021 Onwards
- FuseMachines, U.S.A – w.e.f Jun 2022 Onwards
- EduClass, Singapore – w.e.f Jun 2022 Onwards
- Manipal Academy of Higher Education (MAHE), Manipal - w.e.f Oct 2022 Onwards

QUALITY CERTIFICATIONS

- **Total Quality Management** from Defence Institute of Quality Assurance, Bangalore in 2011
- **Quality Management Professional** from Defence Institute of Quality Assurance, Bangalore in 2012
- **Professional Internal Software Quality Auditor (CISQA)** from Indian Institute of Quality Management (under aegis of STQC, Govt of India), Jaipur in 2012
- **Certificate in Advanced Quality Management** from Defence Institute of Quality Assurance, Bangalore in 2012
- **Certified Software Test Manager** from STQC, Ministry of Communication and Information Technology, Govt of India, New Delhi in 2013

SELECT MAJOR ANALYTICS PROJECTS UNDERTAKEN / BEING UNDERTAKEN (SINCE 2021)

- **Personalised Product Recommendation** : The project involved analysing past purchases, browsing behavior, and social media activity to generate hyper-personalized product recommendations for the client. The work went beyond simply

suggesting similar items; The undermentioned data detectives worked behind the scenes :

- Purchase History
- Browsing Behaviour
- Search queries
- Demographic information
- Social media activity

Outcomes :

- predicting future needs
- increased sales
- recommendation of complementary accessories
- Enhanced customer satisfaction
- Valuable data insights

*Technology Used :*Generative AI

The store experienced as 25% increase in sales post implementing the solution. *Client* : Al Jazira, Saudi Arabia

Status : Completed

- ***Imaging diagnostics*** : The project involved using Generative AI that analysed medical images like X- rays and MRIs with greater accuracy and efficiency, even identifying subtle abnormalities that might be missed by the human eye for the client. This lead to accurate diagnoses, faster interventions, and improved patient outcomes. The solution developed provided rotation around the body and combining multiple images, leading to better insights of the imaged body part. The CT scans created detailed cross-sectional views of bones, organs, and blood vessels to reveal internal structures in exquisite detail.

Undermentioned significant advantages achieved :

- Highlighting specific feature on the CT scan that is indicative of the suspected condition or problem
- Suggesting potential treatment options

Benefits :

- Better medical diagnosis
- enhanced patient satisfaction

*Technology Used :*Generative AI

Client : Sultan Qaboos Hospital, Oman

Status : Completed

- ***Personalized drug response prediction:*** The project was to create personalised

drug response prediction to the patients at the clients premises. The developed solution analysed patient's individual characteristics and medical history, and using the same as benchmark, solution was developed using various Deep Learning models (DNN) helped in analysing complex relationships between multiple data points, leading to more personalised and accurate predictions on how the different patients respond to different medications. This personalized approach helped doctors choose the most effective treatment for each patient, minimizing trial and error and improving patient outcomes.

Technology Used :Generative AI

Client : Sultan Qaboos Hospital, Oman

Status : In progress

- **Smart Grid Computing using Recommender System to predict LCA of Cordyceps Sinensis Mushrooms** : R&D for DST / Govt of India being undertaken through Govt of Uttarakhand.

The project predicted the LCA of Cordyceps Sinensis Mushrooms taking into account various factors such as :

- Cultivation methods
- Geographical locations
- Processing techniques
- Waste Management

Project Outcomes :

- Identification of hotspots
- Scenario analysis
- Life cycle optimisation

Technology Used : AI

Client : Govt of India

Status : Completed

- **AI enabled moving object detection** : AI enabled moving object detection was done using F-RCNN techniques and was tracked across video frames using Kalman filter. The project was done for BEL Bangalore towards aiding them for use in RADARS intended to be used for hostile object detection.

Following features incorporated for incorporating better visuals for clarity :

- Feature extraction
- Region Proposal Network
- Region of Interest pooling

- Classification and Bounding box regression
- Background subtraction

Project Outcomes :

- Detecting moving objects till 1 km radius with 99.7% accuracy
- Detection moving objects under different ambient lighting conditions

Technology Used : AI

Client : BEL Bangalore, India

Status : Completed

- ***Healthcare Analytics to prevent VR from Indian Armed forces of Patients with limb amputation :***

This healthcare analytics project for patients with limb amputation, was done for Indian Armed Forces capturing data from all Military hospitals and considering all terrains/work conditions that the soldiers are subjected to. Various tools of AI/ML were used to suggest remedial measures for premature VR. This resulted in 33% reduction of trained Armed Forces personnel seeking VR due limb amputation.

The final solution was adduced upon considering the following factors :

- Understanding reasons for voluntary retirement
- Predicting voluntary retirement risks
- Targeted intervention
- Monitoring and evaluation

Project Outcomes :

- Retaining of valuable manpower
- Boost morale and well being
- Data driven decision making

Technology Used : Gen AI

This approach combined data analysis, predictive modeling, targeted interventions, and continuous monitoring to provide a comprehensive solution for preventing voluntary retirement among amputee veterans in the Indian Armed Forces. By leveraging the power of healthcare analytics, the armed forces not only retained valuable personnel but also improve the overall well-being of these heroes who have sacrificed so much for their country.

Client : Indian Armed Forces, India

Status : Completed

- ***Analytical Prediction of Optimal Inventory of 2 and 4 Wheeler Service Station***

This project was done to provide **Analytical approach to help optimize inventory management, leading to:**

- **Reduced holding costs**
- **Improved customer services**
- **Increased cash flow**
- **Enhanced decision making**

Project Outcomes

- optimal inventory levels
- balancing cost efficiency with customer satisfaction
- adapting to changing demand patterns and market conditions

Client : Abuze Service Station, Bangalore India

Technology Used : Gen AI

Status : Completed

• **Automated Inventory Management –**

This project involved revolutionizing automated inventory management, bringing significant improvements in efficiency, accuracy, and cost-effectiveness. The project involved :

- Demand forecasting
- Automated replenishment
- Predictive Maintenance
- Automated warehousing and Logistics
- Dynamic pricing and promotions

Benefits accrued :

- Increased revenue
- Reduced costs
- Improved efficiency
- Enhanced scalability
- Data driven insights

Client : Vathsalya Car Care service Centre, Bangalore India

Status : Completed

• **Personalised Learning**

This project involved developing personalized learning for students of diverse backgrounds at Texas A&M University, Qatar in the department of Electrical & Computer Engineering. The challenges encountered were :

- Balancing standardization with individual needs
- Resource limitations
- Accessing diverse learning pathways
- Technology integration
- Student motivation and self directed learning

- Addressing student diversity

Benefits accrued :

- Increased student engagement and motivation
- Improved learning outcomes
- Catering to diverse learning styles
- Developing self directed learning skills
- Effective use of time and resources
- Enhanced student well being

Client : Texas A&M University, Qatar

Status : In progress

SELECTED PROFESSIONAL ASSOCIATIONS

- **Chartered Engineer** of Institute of Engineers, India (2000)
- **Associate Member** of Institute of Engineers, India (2000)
- **Member** of Computer Society of India(2010)
- **Member** of IEEE, USA (2010)
- **Member** of Institute of International Engineers, Canada (2011)
- **Member** of Internet Society, Switzerland (2013)
- **Member** of International Association of Computer Science and Information Technology, Singapore (2013)
- **Member** Indian Navy 'Green Initiative' (2013)
- **Member** Computer Science Teachers Association, USA (2016)
- **Member** International Association of Engineers, Hong Kong (2016)
- **Member** ICST, USA (2016)
- **Senior Member** Institute of Research Engineers and Doctors, USA (2016)
- **Scientific, Technical and Editorial Board review Member** of World Academy of Science, Engineering and Technology (2016)
- **Member**, Data Science Association, U.S.A (2020)
- **Member**, International Society for Data Science and Analytics, Granger (2020)
- **Member, ICAEW Data Analytics Community, London (2022)**

PATENTS

- ***Plant Gene Classification Using Block Chain technology*** (Published by Indian Patent Office on 08 Nov 2019)
- ***Novel Force Estimation techniques exerted on Servomotor of Prosthetic Limb using Kernel Ridge regression Techniques using blockchains*** (Published by Indian Patent Office on 10 Jan 2020)
- ***Automated Agricultural System and a method thereof*** (Published by Indian Patent Office on 10 Jan 2020)
- ***Swarm Intelligence Based Ant Routing with Self Destruction*** (Published in Patent Office India Journal 02/21 dated 08 Jan 21)
- ***Automatic Number Plate Recognition using Edge GenAI on Jetson Nano*** (Published by Indian Patent Office Journal on 23 May 2024)

BOOKS AUTHORED

- ***Web Snipping Essentials Using PYTHON – A Practitioners Approach’ (ISBN Number 978-93-85298-07-3)***

R&D

- Co-Investigator for Research Council of Oman Funded R&D on “Revolutionizing Computer Aided Drug Discovery for Alzheimer’s Disease – A Breakthrough ***Paradigm using Big Data and AI in Healthcare***” – ***EDC : Jun 24***
- Design of SPY ANTS working on SWARM Technology/SWARM Intelligence customized for use of Indian Army (***Application Number 272018000384***) – ***Status : Completed***
- Novel force estimation technique to the servomotor of Prosthetic limb for its accurate movement using Kernel Ridge Regression technique deploying block chains (***Application Number 272018000172***) – ***Status : Completed***
- SMART Grid Computing using Recommender System to predict the LCA of Cordyceps Sinesis Mushrooms (***R&D Approved vide Government of Uttarakhand (UCOST Dehradun) letter UCS&T/R&D-01/18-19/15242 dated 08 Oct 18 for an amount of Rs 4,52,800.00***) – ***Status : Completed***
- **Co-PI for 12 R&D projects in Data Science for Government of India** (in Data Science). Project value : All above INR 2000 Cr . ***Status : Completed***

UNIVERSITY BOARD OF STUDIES

- Member Board of Studies (AI & Data Science) ,NMAMIT Udupi (Deemed to be University) w.e.f Jul 22

INVITED EXPERT SESSIONS / TALKS / FDP / FORMAL TRAINING COURSES CONDUCTED

(Since 2019)

One Day Session in Data Science

- 01 day session with ***DIQA, Indian Army*** on 01 Jul 19 on Data Science for Indian Army on Application / Utility of Data Science for DGQA, Indian Army
- One day ***Higher Quality Management Course in Military Relevance of AI/ML/IoT for Indian Army*** on 08 Jan 20
- One day ***Higher Quality Management Course in Military Relevance of AI/ML/IoT for Indian Army*** on 15 Jan 20
- One(01) day workshop on 28 Apr 20 on ***Data Science for MSME (Government of India) for LUB Bangalore***
- One(01) day workshop on ***13 May 20 on behalf of MSME Bangalore (Government of India) on Industrial Applications of Data Science (for working professionals of EXIDE / BOSCH / ACCENTURE)***
- One(01) day workshop on ***16 May 20 on behalf of MSME Bangalore (Government of India) on Understanding Blockchains (for working professionals of EXIDE / BOSCH / ACCENTURE)***

- One day workshop in **Data Analytics for Bharati Vidyapeeth University College of Engineering, Pune** on 23 May 20
- One(01) day workshop in **AI and Blockchain for marketing** on 27 May 20 for **LUB Bangalore**
- One(01) day workshop on **20 Jun 20 on behalf of MSME Bangalore (Government of India) on Healthcare Data Analytics (for Healthcare Workers on PAN India)**
- One (01) day workshop on 29 Jun 20 **for St Xaviers College Palayamkottai on Insights of Blockchain for Faculty of all colleges of TamilNadu**
- One day workshop in **Machine Learning for Data Science for Senior Quality Management Course in AI/ ML for Indian Army** on 01 Jul 20
- One (01) day workshop on '**Capitalising Data Science using TensorFlow**' for **MITS, Madanapalli** on 22 Jul 20
- One (01) day workshop in '**Capitalising Machine Learning using TensorFlow**' for students and staff of **RIET Jaipur** on 24 Jul 20
- Invited expert session for 'Techno Crunch' at **Bharat Electronics Limited, Bangalore** for delivering talk on '**Applicability of Data Science for BEL Bangalore**' on 29 Jul 20. Participants from R&D Team BEL Bangalore.
- Conducted talk on '**Tuning ML/DL for Data Science – A Practitioners Approach**' to **SSEPTP, Puttaparthi** on 30 Jul 20
- 01 day workshop in "**Understanding Data Science**" for **Marwadi University Gujarat** on 04 Aug 20
- 01 day workshop in "**Unleashing ML/DL for Data Science**" for **Gaya College of Engineering, Bihar** under **TEQIP III** on 05 Aug 20
- 01 day workshop in **Artificial Intelligence – A Transformational Disruptor for Gaya College of Engineering, Bihar** under **TEQIP III** on 26 Aug 20
- One(01) day workshop on **29 Aug 20 on behalf of MSME Bangalore (Government of India) on AI – A Transformational Disruptor (for Working professionals and Educators on PAN India)**
- 01 day hands-on workshop in **AR/VR** for **TACTHUB, New Delhi (Unit of AICRA New Delhi)** on 30 Aug 20 (Participants : Madhav Institute of Technology and Science, Gwalior)
- 01 day hands-on workshop in **TABLEAU FOR BUSINESS INTELLIGENCE** on 04 Sep 20 for **CHRIST University Bangalore**
- 01 day hands-on workshop in **DATA SCIENCE WITH PYTHON** on 05 Sep 20 for **Uttaranchal Technical University, Dehradun**
- 01 day Demo Session in **PYTHON FOR DATA SCIENCE** on 11 Oct 20 for **Globalquest Technologies, Bangalore**
- 01 day session in **ROLE OF ARTIFICIAL INTELLIGENCE IN ENGINEERING APPLICATIONS, AICTE Sponsored Short term program** for **Sanskriti School of Engineering, Puttaparthi** on 20 Oct 20
- 01 day session in **INSIGHTS OF DATA SCIENCE** for **INDUS University Ahmedabad** on 27 Oct 20
- 01 day session in **AI / ML / DL for Times Institute of Management and Technical Studies (TIMTS) New Delhi** on 01 Nov 20.
- 01 day hands-on workshop on **INSIGHTS OF DATA SCIENCE for Baba Farid College of Engineering and Technology, Punjab** on 27 Nov 20.

- 01 day hands on International Workshop on **HANDS-ON DATA SCIENCE(FULL STACK) for students and faculty of MUSCAT COLLEGE, SULTANATE OF OMAN and students and faculty of MARWADI UNIVERSITY, GUJARAT** on 10 Dec 20.
- 01 day session in **PYTHON FOR DATA SCIENCE to PAN India students of GQ Technologies, Bangalore** on 20 Dec 12
- 01 days session in **Artificial Intelligence for Sri Lanka Institute, Sri Lanka** on 08 Jan 21
- 01 day workshop on **Hands-on Data Science for ASAPDATASOLUTIONS, London** on 27 Mar 21.
- 01 day (08 hours) online **International Workshop on Data Science with MUSCATCOLLEGE, Oman** on 01 Apr 21 involving International Participants from Malaysia, Oman, UAE
- 01 day workshop on **Hands-on Data Science for ASAPDATASOLUTIONS, London** on 02Apr 21.
- 01 day Career Counselling for **Bengal College of Pharmaceuticals, Howrah in AI,Blockchains** on 27 Apr 21
- 01 day Hands-on Workshop in AI and ML for **Students and Staff at Military TechnologicalCollege, Ministry of Defence, Oman on 05 May 21**
- 01 day workshop in **Hands-on Data Science for ASAPDATASOLUTIONS, London** on 22May 21.
- 01 day workshop in **Data Science Tools that A Data Scientist Needs to Know for REVA UNIVERSITY Bangalore** on 29 May 21. Participants – Faculty and Students on PAN India
- 01 day workshop on **Hands-on Data Science for SVCET Chitoor** on 29 May 21. Participants – Faculty and Students
- 01 day Counselling for Students of Danish Ahmed Institute of Technology, Chennai in AI and Data Science on 02 Jun 21
- 01 day Webinar in **Data Science Tools that A Data Scientist Needs to Know for ItrainAsia, Malaysia** on 17 Jun 21. Participants – Industry Professionals and Students of Malaysia
- 01 day Hands-on Workshop in **Business Object Reporting for working Professionals at London** on 18 Jun 21, Event Organised by The Knowledge Academy London
- 01 day awareness workshop in **Tools that a Data scientist needs to Know** for Students of Christ University Bangalore on 16 Jul 21
- 01 day awareness workshop in **Tools that a Data scientist needs to Know** for Students of Christ University Bangalore on 18 Jul 21
- 01 day hands-on webinar for **TIMTS Tirupati on Blockchain Technology** on 24 Jul 21
- 01 day hands-on webinar on **Business Intelligence with Tableau for LIGS University, U.S.A** on 27 Jul 21
- 01 day hands-on session on **Industrial NLP Using Spacy for varied Industry Professionals on 20 Aug 21**
- 01 day hands-on session in **TABLEAU FOR BUSINESS INTELLIGENCE for workingprofessionals of U.S.A** on 26 Aug 21
- 01 day hands-on DEMO session in **PYTHON FOR DATA SCIENCE for students**

- and working professionals from PAN India** on 02 Sep 21. Event handled by GQ Technologies Pvt Ltd Bangalore
- 01 day Webinar for LIGS University, USA on **CRYPTOCURRENCY** on 11 Oct 21. Participants from across the world
 - 01 day Hands on Webinar conducted for TVS Motors, Bangalore on **TRANSFORMERS FOR NLP** on 20 Oct 21
 - 01 day Hands on workshop conducted for Citizens of Vietnam on **DATA SCIENCE TOOLS THAT A DATA SCIENTIST NEED KNOW** on 23 Oct 21
 - Invited expert talk on **NLP USING PYTHON ECO-SYSTEM** on 23 Nov 21 as part of International Seminar on Data Science and Information Processing organized by University of Kerala
 - Invited expert talk (08 hours) on **FUNDAMENTALS OF DATA DISCOVERY AND AUGMENTED ANALYTICS for Govt of Malaysia** on 25 Nov 21
 - Invited expert talk for participants of EPGP Course at IIM Indore (Indian Institute of Management) on 12 Dec 21 on **CHALLENGES IN BUSINESS ANALYTICS**
 - Invited expert talk on **“INTRODUCTION TO DATA SCIENCE” for students of IndianAcademy Degree College Bangalore on 18 Dec 21**
 - **Data Science discussions with Middle East College, Muscat** on 02 Jan 2022
 - 01 day Hands-on Workshop on **“Real Time Object Detection” for MSME Bangalore on 08Jan 22**
 - 01 day International Hands-on Workshop on **“Real Time Object Detection” for MuscatCollege, Muscat on 24 Jan 22**
 - 01 day Hands-on workshop for **AICRA New DELHI on “Artificial Intelligence in Agriculture”on 26 Mar 2022**
 - 01 day practical workshop in **“The Art of Data Story-Telling” for students of StrategicSales Management Batch of IIM (Indian Institute of Management) Indore on 17 Apr 22**
 - 01 day practical workshop on **“INSIGHTS OF DATA SCIENCE” for students of variousEngineering Colleges at TamilNadu on 23 Apr 22**
 - 01 Hour Session to PG Students of Shiv Nadar University Chennai on **“Data Storytelling with PowerBI” on 07 May 22**
 - 04 Hours **Post Graduate Certification Program in AI&ML for varied Industry professionals on “HBase” on 12 May 22**
 - 02 Hours Hands-on Session for trainees of **PGCP Cloud Computing Batch (MAHE CertifiedCourse) in AWS Machine Learning on 28 May 22**
 - 02 Hours Hands-on Session for trainees of **PGCP Cloud Computing Batch (MAHE CertifiedCourse) in AWS Big Data on 04 Jun 22**
 - 01 Hour Practical Industry Guest Lecture on **Statistics and Probability for Students of ShivNadar University, Chennai on 05 Jun 22**
 - 01 day (02 hours) **Hands on Data Science Workshop for Engineering Students of U.A.E ON 16 Jul 22**
 - 01 day (02 hours) **Knowledge Sharing Session on AI and ML for Students and Working Professional of India and UAE on 06 Aug 22**
 - 01 day (1.5 hours) knowledge sharing session on **“INSIGHTS OF DATA SCIENCE” to Electronic City Industry Association Bangalore on 09 Aug 22**
 - 01 day (2 hours) session on **“MLOps” for working professional at Nepal on 28 Sep**

22.

- 01 day (2.5 hours) Industry Guest Lecture on **“Solving end-to-end Data Analytical” Project for students of Integrated Program in Business Administration (IPBA, Batch 12), IIM Indore (Indian Institute of Management) on 09 Oct 22**
- 01 Hour expert lecture for participants of **Strategic Sales Management Course, Batch 3 of IIM (Indian Institute of Management) Indore on ANALYTICS FOR MANAGERS on 30 Oct 22**
- 01 day (2 hours) Industry Guest Lecture on **“Statistics for Data Scientists – An Industry Perspective” for students of Integrated Program in Business Administration (IPBA, Batch 14), IIM Indore (Indian Institute of Management) on 03 Dec 22**
- 01 day (02 hrs) session in **MASTER CLASS – Putting R into action for Indian and African Students at MAHE (Manipal Academy of Higher Education) on 21 Dec 22**
- 01 day (02 hrs) session in **MASTER CLASS – Putting PYTHON into action for Indian and African Students at MAHE (Manipal Academy of Higher Education) on 22 Dec 22**
- 01 day (03 hrs) session on **ADVANCEMENTS IN AI, for students of Don Bosco Institute of Technology, Bangalore on 21 Jan 23**
- 01 day (2.5 hrs) **GUEST LECTURE ON ADVANCEMENTS IN MACHINE LEARNING to students of Indian Institute of Management Indore on 05 Feb 23**
- 01 day (3 hrs) **Worldwide Expert Session on ‘SIMPLY AI’ on 21 Feb 23 for LIGS University, U.S.A**
- 01 days (3 hrs) Worldwide hands-on Workshop on **“AI for Edge Computing” for worldwide participants organized by Muscat College Muscat on 09 Mar 23**
- 01 day (1 hr) session on **“Strengthening Industrial Applications through NLP” for Confederation of Indian Industries (CII) Bangalore on 27 Apr 23**
- 01 day (1.5 hr) session on **AI Copilot and ChatGPT Introduction to PAN India Staff of NTTF on 22 Jul 23**
- 01 day (4 hrs) session for **World Skill Council Officers Bhubaneshwar on AI-ML and PowerBI for Business Analytics on 04 Aug 23**
- 01 day (1.5 hrs) awareness session on **Generative AI for PAN India staff of NTTF on 12 Aug 23**
- Keynote Speaker for International Conference on **“Digital Transformation for Business Sustainability and Growth” on 18 Aug 23. Event Hosted by LPU, Punjab**
- 01 day (02 hours) session on **Generative AI for working professionals of U.S.A on 18 Nov 23.**
- 01 day (01 hour) industry session for students and faculty of SAGE Group of Institutions, Bhopal on **“KNOWLEDGE FORUM – CRAFTING THE FUTURE WITH GENERATIVE AI FOR INNOVATORS” on 25 Nov 23**
- 01 day (01 hour) industry session for students and faculty of SAGE Group of Institutions, Bhopal on **“KNOWLEDGE FORUM – CRAFTING THE FUTURE WITH GENERATIVE AI FOR INNOVATORS” on 23 Dec 23**
- 01 day (08 hrs) session on **INTRODUCTION TO ARTIFICIAL INTELLIGENCE for working professionals of Ministry of Health, Valletta Malta on 05 Jan 24**

- 01 day (03 hrs) project viva for trainees of **EPGDPMI (Executive PG Diploma Program in Management and Artificial Intelligence) of Indian Institute of Management (IIM) Indore** on 10 Feb 24
- 01 day (01 hr) workshop on **AI for Sales and Marketing** on 21 Mar 24 for sales and marketing professionals from diverse industries.
- 01 day (02 hrs) hands on session on **POWERBI FOR BUSINESS ANALYTICS** on 21 Apr 24 for students of **RAMSWAROOP MEMORIAL UNIVERSITY, Lucknow**
- 01 day (03 hrs) hands on session on practical usage of **ACO and PSO algorithms in real time for students of Indian Institute of Management (IIM) Kozhikode** on 12 May 24
- 01 day (03 hrs) hands on session for students and working professionals PAN India on 17 May 24 in **PowerBI : Unleashing Data insights**
- 01 day (03 hrs) hands on session on **Power BI for Business Intelligence** for students of Coorg Institute of Technology, Coorg on 26 Jun 24

Two Days Session in Data Science (Since 2019)

- Two (02) days workshop on **01 and 08 Jun 19 for RedWood Associates Bangalore on R for Data Science for Working Professionals**
- Two (02) days workshop on **01 and 08 Sep 19 for RedWood Associates Bangalore on R for Data Science for Working Professionals**
- Two (02) days workshop on 27-28 Sep 19 **on behalf of MSME Bangalore (Government of India) on JULIA for Data Science (for working professionals of EXIDE / BOSCH / ACCENTURE)**
- Two (02) days workshop on **19-20 Oct 19 on behalf of MSME Bangalore (Government of India) on SMART Business Decisions using PYTHON (for working professionals of EXIDE / BOSCH / ACCENTURE)**
- Two (02) days workshop on **23-24 Nov 19 on behalf of MSME Bangalore (Government of India) on Self Service Data Analytics using Excel and PowerBI (for working professionals of EXIDE / BOSCH / ACCENTURE)**
- Two (02) days workshop on **18-19 Jan 20 on behalf of MSME Bangalore (Government of India) on Hands-on TABLEAU (for working professionals of EXIDE / BOSCH / ACCENTURE)**
- Two (02) days workshop on **06-07 Feb 20 on behalf of MSME Bangalore (Government of India) in Blockchain Technology as FDP for SVCE Bangalore**
- Two (02) days training at **Orissa as part of TEQIP III for Govt of Orissa as part of World Bank Funded Project in AI and ML** 12-15 Feb 20 (Approx Project Cost. :152 Million USD)
- Two (02) days training at **Orissa as part of TEQIP III for Govt of Orissa as part of World Bank Funded Project in AI and ML** 28-29 Feb 20 (Approx Project Cost : 152 Million USD)
- Two (02) days workshop on **10 -11 Jul 20 for participants of TACTHUB New Delhi Unit of AICRA New Delhi) on Blockchain Technology**
- 02 days hands-on workshop in **Machine Learning** for **TACTHUB, New Delhi (Unit of AICRA New Delhi)** on 01 and 02 Aug 20
- 02 days hands on workshop in **Insights of Data Science for Defence Institute of**

Advanced Technology (DIAT) Pune – An Autonomous Institute of DRDO, Government of India, on 28 and 29 Oct 20

- 02 days hands on workshop in **Hyperparameters for Deep Learning for Working Professionals (IT) of Bangalore and Hyderabad** on 30 and 31 Jan 21
- 02 days hands-on workshop in **Recommender Systems using PYTHON for Working Professionals (IT) of Mumbai and Gurgaon** on 20 and 21 Feb 21
- 02 days hands-on workshop in **Hands-on Julia for students and working professionals (Diverse) for MSME Bangalore** on 20 and 21 Feb 21
- 02 days hands-on session in **JULIA for Data Science for students and working professionals of Gujarat on 26 and 27 Feb 21 [Event sponsored by Gujarat Council of Science and Technology]**
- 02 days hands on workshop in **Hands-on Artificial Intelligence for diverse working professionals and students of Udaipur organized by MSME Udaipur** on 27 and 28 Feb 21
- 02 days hands-on **WEBINAR in Python for Data Analytics for Diverse Students and Working Professionals for AICRA New Delhi on 06 Mar and 07 Mar 21**
- 02 days hands on workshop in **Hands-on JULIA organized by MSME Bangalore** on 27 and 28 Mar 21
- 02 days workshop on **NLP using Python for E&Y Bangalore** on 23 and 24 Jul 21
- 02 days hands-on workshop in **Machine Learning for Business Intelligence for Govt of Vietnam** on 21 and 22 Oct 21
- 02 days hands-on workshop in **Machine Learning for Business Intelligence for Govt of Malaysia** on 28 and 29 Oct 21
- 02 days (16 hours) hands-on session in **Artificial Intelligence Data Science for IT Park of Thailand** on 13 and 14 Oct 22
- 02 days (16 hours) session on **AI/ML/Data Science for Automotive Components Manufacturing Industry for Staff of Anand Group of Companies, New Delhi** on 25 and 26 Jul 23
- FDP for SVEC Group, Andhra Pradesh on **Cybersecurity and IoT** on 16, 17 Oct 23
- Setting of QP for Technical and Non Technical Assessment test for working professional at U.S.A in **Artificial Intelligence and Machine Learning** on 26 Jun 24 and 27 Jun 24

Exceeding Two Days Session in Data Science (Since 2019)

- Twenty (20) days full time course as **Corporate Training for IBM Bangalore in Data Analytics and Cloud** wef 21 Jun 19
- 40 hours remote session for **Visualpath, Hyderabad** on Deep Learning for U.S.A Clients
- 05 Days resource person for **Faculty Development Program on Machine Learning for faculty of Presidency University Bangalore** w.e.f 27 Jul 19 to 31 Jul 19
- **Advanced R Classes for 15 days for Industry Candidates at NI Analytics, Bangalore** wef 21 Nov 19
- **Advanced R Classes for 15 days for Industry Candidates at NI Analytics, Bangalore** wef 15 Nov 19
- Nine (09) months course in **Full Stack Data Science for Sultanate of Oman**

- Nationals** commencing 02 Mar 20
- Four(04) months training course in **TABLEAU for students of BMS College of Engineering Bangalore** commencing 27 Mar 20
 - Four (04) months training course for **M/s Verizon Data Services, Chennai in Full Stack Data Science** commencing 04 Apr 20
 - Four (04) months training course in **Full Stack Data Science for Republic of Congo Nationals** wef 04 Jul 20
 - 03 days workshop in **Data Analytics for Indian Army** conducted w.e.f 17-19 Aug 20
 - 03 days hands-on workshop in **Big Data Analytics for students of Marwadi University, Gujarat** w.e.f 08 Sep 20 to 10 Sep 20
 - One-month hands on Internship for Engineering Students on **AI and Machine Learning conducted by IETE Bangalore w.e.f 08 Sep 20 to 25 Sep 20**
 - Three months session in **Statistics for Data Science** for students of University of Massachusetts Lowell, U.S.A w.e.f 26 Sep 20
 - Five days hands-on workshop in **Business Intelligence Using TABLEAU for SVCE Bangalore w.e.f 05 Oct 20 as part of Students Development Program.** Event technical sponsored by Institute of Engineers.
 - Three days workshop in **Hands-on Artificial Intelligence for Guru Nanak Dev Engineering College, Bidar** w.e.f 22 Oct 20 to 24 Oct 20.
 - Ten days hands on workshop in **Business Intelligence Using TABLEAU for working Professionals** w.e.f 27 Oct 20, conducted on behalf of IETE Bangalore. Participants drawn from Industry (diverse)
 - 140 hours hands on course in **PYTHON FOR DATA SCIENCE for students from varied colleges on PAN India** for Global Quest Technologies, Yelahanka, Bangalore w.e.f 10 Nov 20
 - Six days hands-on workshop in **TABLEAU FOR BUSINESS INTELLIGENCE for students and working professionals of Orissa** w.e.f 07 Dec 20. **Workshop as part of TEQIP III, a world bank funded project**
 - Three days hands on session on **INSIGHTS OF PYTHON PROGRAMMING for TIMTS, New Delhi** w.e.f 10 Dec 20 to 12 Dec 20
 - Three months (90 days) **hands on Data Science(Full Stack) for nationals from Sultanate of Oman w.e.f 21 Dec 20**
 - Two months (60 days) **hands on Python and Machine Learning for diverse Engineering Students from U.S.A w.e.f 21 Dec 20**
 - Five (05) days hands-on workshop in **Artificial Intelligence and Machine Learning for students and faculty at Roorkee College of Engineering Roorkee w.e.f 26 Dec 20**
 - **Academic Coach with Royal Melbourne Institute of Technology, Australia in Data Wrangling using R w.e.f 04 Jan 21 to 01 Mar 21**
 - Fifty (50) Hours hands-on session in **Introduction to Blockchains for B.E Students at Marwadi University, Rajkot w.e.f 15 Jan 21**
 - Fourty Five (45) hours [30 days] hands-on workshop in **Machine Learning for working employees of USPL Airlabs, Bangalore w.e.f 18 Jan 21**
 - Four months (120 days) **hands on Machine Learning for diverse Engineering Students from U.S.A w.e.f 28 Jan 21 [Classes being conducted 03 days a week]**
 - Thirty (30) hours **hands-on PYTHON for Industrial Applications, conducted for Defence Research Development Organisation, BEL, Bangalore Staff w.e.f 31**

Jan 21

- Development of 50 hours of **Video learning material in Deep Learning and Neural Nets for M/s Analytics Jobs, Mumbai commencing 06 Feb 21**
- Academic Coach with **RMIT Australia in Python for Data Science w.e.f 01 Mar 21 to 24 Apr 21**
- 20 Hours hands-on course on **Introduction to AI and ML for NIRVA U.S.A w.e.f 04 Mar 21**
- Four (04) months hands on course in **Statistics for Data Science for students of Carnegie Mellon University U.S.A w.e.f 05 Mar 21**
- Thirty (30) days hands-on Internship for **GNDEC Bidar w.e.f 08 Mar 21 in Machine Learning using PYTHON**
- Twenty one (21 days) days hands-on **Internship in Machine Learning and AI for students and working professionals PAN India w.e.f 03 Apr 21** (event organized by IETE Bangalore)
- Fifty (50) hours **hands-on BLOCKCHAIN Applications for students at ISL Hyderabad w.e.f 23 Apr 21**
- **Fourty (40) hours hands-on training for Omani National (Student at LEEDS UNIVERSITY, UNITED KINGDOM) in Data Science using PYTHON w.e.f 28 May 21**
- 120 Hours Hands on Data Science (Full Stack) using PYTHON for **02 Working professionalsof U.S.A w.e.f 12 Jun 21**
- 35 Hours Hands on Data Science (Full Stack) using R and PYTHON for **Students and Working Professionals of Hyderabad w.e.f 16 Jun 21**
- 30 Hours training in Blockchains **for Working Professionals of London (executed on behalf of THE KNOWLEDGE ACADEMY, LONDON) w.e.f 05 Jul 21**
- 30 Hours hands-on course in **AI and ML using PYTHON for students and working professionals of U.S.A w.e.f 08 Jul 21**
- 30 Hours hands-on course in **Data Science Fundamentals using Python for students and working professionals of U.S.A w.e.f 09 Jul 21**
- 03 days hands on **BDA using PYTHON for MSME (Government of India Undertaking) Chennai on 30,31 Jul and 01 Aug 21**. Participants : Students and Working professionals from Chennai
- Four months session in **Python NLP** for students of University of Massachusetts Lowell, U.S.A w.e.f 09 Jul 21
- 30 Hours hands-on course in **Getting Started with AI and ML using PYTHON for students and working professionals of U.S.A w.e.f 13 Jul 21**
- 05 months **Hands on Data Science for Students of St John Bosco Catholic School at Ahwatuke, Arizona, U.S.A w.e.f 13 Jul 21**
- 03 days **Hands-on workshop for PAN India participants on BDA USING spark, event organized by MSME Chennai w.e.f 30 Jul 21 to 01 Aug 21**
- 20 days (**40 hours**) **Hands-on Internship for Students of various Engineering Colleges, Faculty and Working Professionals w.e.f 16 Aug 21**
- 14 days **online training in BLOCKCHAIN TECHNOLOGY for students on PAN India w.e.f 23 Aug 21**. Event organized by FINLAND LABS, New Delhi
- 40 Hours hands on session in **Artificial Intelligence for students of University of Pennsylvania w.e.f 04 Sep 21**

- 15 Hours hands on Internship in **PYTHON FOR DATA SCIENCE** for students of **AndhraPradesh**. Event conducted by **GQ Technologies Pvt Ltd Bangalore** w.e.f **16 Sep 21**
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals (various) of **Singapore, Malaysia and Govt of Indonesia** w.e.f **18 Sep 21**.
- 35 Hours hands on **TABLEAU for Business Intelligence** for Students(various) and Working Professionals of **U.S.A** w.e.f **23 Sep 21**
- 35 Hours hands on **TABLEAU for Business Intelligence** for Students(various) and Working Professionals of **U.S.A** w.e.f **25 Sep 21**
- 55 Hours hands on **Data Science with Python** for students of **United Kingdom** w.e.f **30Sep 21**. Event organized by **M/s ASAP Data Solutions Pvt Ltd, London**
- 55 Hours hands on **Data Science with Python** for students of **U.S.A** w.e.f **04 Oct 21**.
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals (various) of **Singapore, Malaysia and Indonesia** w.e.f **11 Oct 21**.
- 30 Hours hands on session in **Applied ML and MLOps** for students of **Praxis Business School, Kolkata** w.e.f **23 Oct 21**
- 40 Hours hands on Session in **CERTIFIED PROGRAMMER IN DATA SCIENCE (USINGPYTHON)** for **Govt of Malaysia**, w.e.f **08 Nov 21**
- 23 Hours hands on Session in **ADVANCED ANALYTICS FOR DATA DRIVEN DECISION MAKING** as part of **EPGP** program for **IIM (Indian Institute of Management) Indore** w.e.f **09 Nov 21**
- 45 Hours session (Theory and Practical) on **Big Data Analytics Using R** for students at **ISL Engineering College, Hyderabad** w.e.f **08 Nov 21**
- 45 Hours session (Theory and Practical) on **Data Science Using R** for students at **ISL Engineering College, Hyderabad** w.e.f **08 Nov 21**
- 40 Hours hands on Session in **R FOR DATA SCIENCE** for **Govt of Malaysia**, w.e.f **15 Nov 21**
- 48 Hours **HANDS-ON DEEP LEARNING** for **TVS Motors (P) Ltd, Hosur** w.e.f **19 Nov 21**
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals of **Malaysia** w.e.f **13 Dec 21**.
- 45 hours hands-on course in **ADVANCED TABLEAU WITH WEB-SCRAPING** for working professionals of **U.S.A** w.e.f **10 Jan 22**
- 03 days hands-on workshop in **TABLEAU FOR BUSINESS INTELLIGENCE** for students and faculty of **SHARDA University Uzbekistan** w.e.f **12 Jan 22 to 14 Jan 22**.
- 21 Hours hands on practical course in **MACHINE LEARNING** for students of **Shiv Nadar University, Noida** w.e.f **20 Feb 22 to 13 Mar 22**
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals of **Malaysia** w.e.f **14 Feb 22(05 days)**.
- 24 Hours hands on course in **PRACTITIONERS COURSE IN DATA SCIENCE** for working professionals of **Malaysia** w.e.f **21 Feb 22 to 23 Feb 22(03 days)**.
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals of **Malaysia** w.e.f **14 Mar 22(05 days)**.

- 20 Hours hands-on training session in **'D-SMART' FOR FINANCE PROFESSIONS** for working professionals of Societe Generale Group, Paris w.e.f 21 Mar 22.
- 25 Hours theoretical and practical sessions in **'BIG DATA ANALYTICS'** for students of RIET Jaipur commencing 01 Apr 22
- 45 Hours theoretical cum practical session in **'Machine Learning Using Python'** for 3rd year students at Jaipur Engineering College, Jaipur w.e.f 11 Apr 22
- 28 Hours theoretical cum practical session in **'Artificial Intelligence Using Python'** for 3rd year students at Jaipur Engineering College, Jaipur w.e.f 11 Apr 22
- 04 Hours hands on workshop in **'TABLEAU FOR BUSINESS INTELLIGENCE'** for AAFT University, Noida on 15 Apr 22 and 16 Apr 22
- 04 days (16 Hours) hands on **'WORKSHOP IN DATA SCIENCE'** for students of Sri Eshwar College of Engineering, Coimbatore w.e.f 04 May 22
- 05 days (40 Hours) hands on **'Workshop on R Programming'** w.e.f 29 May 22 till 02 Jun 22 for faculty at Muscat College, Muscat, Sultanate of Oman
- 05 days (40 Hours) hands on **'Advanced PYTHON Programming'** for working IT professionals at Blue Cross Blue Shield Association, Chicago, U.S.A w.e.f 13 Jun 22 till 17 Jun 22
- 02 days (16 hours) session for working IT Professionals based out of London in **'AWS Machine Learning'** on 18 Jun 22 and 19 Jun 22
- 03 days (7.5 hours) session on **'R Data Manipulation'** for students of IIM Indore (Indian Institute of Management) as part of Integrated Programming in Business Analytics on 02, 09 and 16 Jul 22
- 05 days (40 Hours) hands on **'Advanced PYTHON Programming'** for working IT professionals at Blue Cross Blue Shield Association, Chicago, U.S.A on 11, 12, 19, 20, 21 Jul 22
- 07 days (1.5 hours each day) Webinar on **'TECHLYMPICS - Data Science and AI'** for Government of Malaysia on 13, 15, 18, 19, 20, 26, 27 Jul 22
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for working professionals of Malaysia w.e.f 25 Jul 22 to 29 Jul 22 (05 days).
- 12 Hours (12 days) **BOOTCAMP SESSION ON MONGODB** for ASMS Noida w.e.f 22 Jul 22
- 45 Hours session in **BIG DATA ANALYTICS FOR V SEM ENGINEERING STUDENTS OF SECE COIMBATORE** w.e.f 04 Aug 22
- 21 Hours hands on practical course in **MACHINE LEARNING** for Industry Working Professional enrolled with Shiv Nadar University, Chennai w.e.f 14 Aug 22 to 27 Nov 22
- 03 days (24 Hours) hands on session in **DATA ANALYTICS FOR PRACTITIONERS** for Malaysian Government University Faculties w.e.f 17 Aug 22 to 19 Aug 22
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for Malaysian Government University Faculty Members w.e.f 22 Aug 22 (05 days).
- 40 Hours hands on course on **CERTIFIED DATA SCIENCE SPECIALIST** for Universiti Teknologi MARA (UiTM), Malaysia w.e.f 05 Sep 22 (05 days).
- 16 Hours (02 days) hands on course on **MACHINE LEARNING** for working IT Professionals of Thailand on 12 Sep 22 and 13 Sep 22.
- 35 Hours session in **ARTIFICIAL INTELLIGENCE FOR V SEM ENGINEERING**

STUDENTS OF SECE COIMBATORE w.e.f 16 Sep 22

- 50 Hours hands-on session in **DATA SCIENCE FOR PRACTITIONERS (PYTHON PROGRAMMING, ML, DL, AI[NLP])** for working professionals of London w.e.f 22 Sep 22
- 40 Hours hands on session for working IT Professionals of Malaysia in **CERTIFIED BLOCKCHAIN ASSOCIATE DEVELOPER w.e.f 03 Oct 22 to 07 Oct 22**
- 45 Hours hands on session for students of **IIM Indore (Indian Institute of Management)** in MATHEMATICS FOR AI AND ML w.e.f 29 Oct 22
- In person sessions at **IIM (Indian Institute of Management) Indore** session for students of **EPGP (Executive Post Graduate Program)** as part of **WORKSHOP ON ADVANCED ANALYTICS IN DATA SCIENCE w.e.f 04 Dec 22 to 09 Dec 22**
- 15 Hours Professional Development Program for **faculty of Muscat College, Muscat, Sultanate of Oman, in R programming w.e.f 08 Jan 2023**
- 03 days (09 hrs) **Faculty Development Program for faculty at KK University, Bihar Sharif w.e.f 09 Jan 23 on "AI FOR DATA SCIENCE"**
- 02 days (4 hrs) Workshop on **IoT, AI for Students of Nalanda College of Engineering, Bihar on 19 Jan, 20 Jan 23**
- 03 days (21 hrs) hands-on workshop on **"DATA ANALYTICS USING EXCEL" for staff of NTTF (PAN India) on 13,14,16 Feb 23**
- 02 days (06 hrs) hands-on session on **"BOSCH SMART Manufacturing with Industry 4.0" for working professionals of Industries on 23 and 28 Feb 23**
- 05 days (10 hrs) hands-on course on **"UNDERSTANDING DATA SCIENCE" for students of SECE, Coimbatore w.e.f 06 Mar 23 to 10 Mar 23**
- 05 days (40 hrs) hands-on session in **"R Programming" for Hanover, Boston, U.S.A w.e.f 13 Mar 23 till 17 Mar 23**
- 60 hours session in **"HR Analytics" for students of BBA at IIAS Siliguri w.e.f 14 Mar 23**
- 60 hours session in **"Operations Management" for students of BBA at IIAS Siliguri w.e.f 14 Mar 23**
- 60 hours session in **"Project Management" for students of BBA at IIAS Siliguri w.e.f 15 Mar 23**
- 04 months Internship training in **"Artificial Intelligence & Machine Learning" for students of Govt Polytechnic College, Bangalore w.e.f 16 Mar 23**
- 05 days (40 hrs) hands-on session in **"R Programming" for Hanover, Boston, U.S.A w.e.f 27 Mar 23 till 31 Mar 23**
- 03 Months hands-on session in **"Business Analytics and Decision Making" for students of Global MBA of Indian Institute of Management Kozhikode w.e.f 20 Mar 23 to 05 Jun 23**
- 4.5 Months hands-on session for students of **National University of Singapore, (NUS) Singapore in "Analytics- Data to Insights" w.e.f 28 Mar 23 to 15 Aug 23**
- 75 Hours session on AI-ML for students of **"Infymind, Bangalore" w.e.f 02 Apr 23**
- 04 days (06 hrs) on AI-ML for students of **"School of Management College, Lucknow" on 19 Apr 23**
- 30 days (45 hrs) hands on **R Programming and Business Intelligence using PowerBI for "Faculty of Polytechnic College(s) of TamilNadu" w.e.f 11 May 23**

- 04 days (32 hrs) hands on Introduction to **Data Modeling using Python for employees of HANOVER, U.S.A w.e.f 18 Jul 23 to 21 Jul 23**
- 45 Hours hands-on session in **ML, DL and R Programming for trainees of NASSCOM Data Science Batch w.e.f 19 Aug 23 to 13 Oct 23**
- 06 Hours hands-on workshop in **Generative AI and Open AI Gym as part of “Smart Manufacturing with Industry 4.0” on 01 Sep 23 and 04 Sep 23. Event hosted by Bosch Bangalore and NTTF Bangalore**
- 05 days hands-on workshop in **PYTHON PROGRAMMING for HANOVER, U.S.A w.e.f 09 Oct23 to 13 Oct 23**
- 05 days hands-on workshop in **PYTHON PROGRAMMING for HANOVER, U.S.A w.e.f 23 Oct23 to 27 Oct 23**
- 05 days in-person hands-on workshop in **ADVANCED ANALYTICS w.e.f 12 Dec 23 to 16 Dec23 for students of EPGP at Indian Institute of Management (IIM) Indore**
- 10 days hands-on workshop in **DATA STORYTELLING AND DATA VISUALISATION USING POWER BI w.e.f 13 Jan 24 till 18 Feb 24 for students of EPGDMAI (Executive PG Diploma Program in Management and Artificial Intelligence) of Indian Institute of Management (IIM) Indore**
- 04 Months session on **e-Business for working professionals of YESBUD University, Zambia w.e.f 29 Jan 24**
- 06 months hands on **PROFESSIONAL CERTIFICATE IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE for students of Indian Institute of Management (IIM) Kozhikode w.e.f 27 Jan 24 to 17 Jul 24**
- 10 hours hands on session in **DATA SCIENCE for students of B.Sc (Data Science) of Kristu Jayanti College, Bangalore w.e.f 03 Feb 24**
- 05 days hands on session in **AI/ML/GenAI for students and faculty of Tartu Vocational College, Estonia w.e.f 04 Mar 24**
- 30 hrs hands on session in **AI-ML for participants from diverse industries of USA w.e.f 20 Mar 24**
- 30 hrs hands on session in **AI-ML for participants from diverse industries of USA w.e.f 28 Mar 24**
- 05 days (7.5 hrs) hands on refresher for students of **Indian Institute of Management (IIM) Kozhikode on Fundamentals of Python w.e.f 22 May 24**
- Adjunct Faculty towards **Course Content Creation in NLP for 45 Hours for Amrita University Kochi for students of MBA w.e.f 20 Jun 24 to 31 Aug 24**
- 06 months hands on **PROFESSIONAL CERTIFICATE IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE for students of Indian Institute of Management (IIM) Kozhikode w.e.f 26 Jun Jan 24 to 19 Feb 25**

Clients (Projects / Training (Selected))





GE Healthcare

TEQIP-3

Technical Education Quality Improvement Programme



GOVERNMENT OF MALTA
OFFICE OF THE DEPUTY PRIME MINISTER
MINISTRY FOR HEALTH



iTrain



accenture



EXIDE INDUSTRIES LIMITED



Muscat College
University College



भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS
QUALITY. TECHNOLOGY. INNOVATION.



SOCIETE GENERALE



SHARDA UNIVERSITY
UZBEKISTAN

TARTU ÜLIKOOL

Domain Expertise

- **Finance Domain** : Profit Prediction model, Risk Analytics, Business Intelligence, Predictive HR model, Fraud detection, BDA in Finance, Employee satisfaction, Predictive and prescriptive Analytics in Finance, Making real time finance related decisions, Mitigating risk and ensuring customer security

Solutions Developed : Developed predictive analytical models with highest accuracy using R/PYTHON and ensured ROI for the organisation

- **Healthcare Domain** : Healthcare smartwatch Data Analysis, Doctors Optimization model, Data Science for Medical Imaging, Data Science for Genomics, Drug Discovery with data science, Predictive Analytics in Healthcare, Business Intelligence, Predictive HR model, Fraud detection, BDA in healthcare, Employee

satisfaction

Solutions Developed : Developed predictive analytical models with highest accuracy using R/PYTHON and ensured ROI for the organization

- **Retail Domain** : Retail data science, Behavioural Analytics, Price Optimisation, Personalized Marketing, Fraud Detection, Enhancing efficiency, Inventory Management, Sentiment Analysis, Recommendation Systems
- **Miscellaneous** : Predictive, Prescriptive and Diagnostic Analytics in Automotive, Retail, Marine and Education Domains

Solutions Developed : Developed predictive/prescriptive and diagnostic analytical models with highest accuracy using R/PYTHON and ensured ROI / substantial cost savings for the organization.

SUBJECT MATTER EXPERT

- MERITRAC Bangalore for QP setting in CSE – w.e.f 05 Dec 16
- MERITRAC Bangalore for QP setting in CSE – w.e.f 09 Mar 18
- MERITRAC Bangalore for QP setting in CSE – w.e.f 21 Jun 18
- MERITRAC Bangalore for QP setting in CSE – w.e.f 06 Sep 18
- MERITRAC Bangalore for QP setting in CSE – w.e.f 24 Sep 18
- MERITRAC Bangalore for QP setting in CSE – w.e.f 25 Dec 18
- MERITRAC Bangalore for QP setting in CSE – w.e.f 25 Apr 19
- .MERITRAC Bangalore for QP setting in CSE – w.e.f 30 Apr 19
- MERITRAC Bangalore for QP setting in CSE – w.e.f 03 Jul 19

SKILL TRAINER

- Empaneled with **Delhi Skill and Entrepreneurial University (Govt of Delhi) as SME - DataScience**
- Empaneled with **SVSU (Govt of Haryana, India's First Skill University) as SME - DataScience**

COURSEWARE DESIGN

- Design of complete courseware in “**Data Science for Digital Economy**” for **LIGS University, Hawaii, U.S.A (Mar 2020)**
- **Design and development of e-learning materials (30 hrs and 90 hrs each) in respect of MACHINE LEARNING and DATA SCIENCE for Ministry of Commerce, Govt of India (for AICRA New Delhi) w.e.f 30 Mar 21**
- Board of Studies member for **Indian Academy Degree College, Bangalore for M.Sc Data Science**
- Courseware designed for ISL College Hyderabad (Osmania University) in **BLOCKCHAIN TECHNOLOGY**

INDUSTRIAL PROJECTS (Last 01 Year)

Completed

- **Data Science solution** for M/s Supram Industries Bangalore : Project involved market identification and enhanced marketing of Gas leak detector kit manufactured by SupramIndustries.
- **Artificial Intelligence based Solution for animal (cow and buffalo) management** for Government of Karnataka (Animal Husbandry Department)

Ongoing

- **Web Scraping of retail sector** for M/s Brain Towers Oman : Project involved scraping prices of FMCG on daily basis of all retail houses at Saudi Arabia, Qatar, Emirates and Oman and providing first hand information to customers on prices of FMCG.
- **Automatic Conversion of Voice to Text Using Data Science concepts** for M/s ETUDES ET PROMOTION DES ENTERPRISES SARL, Democratic Republic of Congo. Project Involves recognizing voice and conversion to text automatically (French to English) using Data Science principles and AMC thereafter on completion of project for a period of 12 months.
- **Artificial Intelligence based Solution to drive efficiency, personalization and streamlining admin tasks to allow teachers the time and freedom to provide understanding and adaptability** for M/s ETUDES ET PROMOTION DES ENTERPRISES SARL, Democratic Republic of Congo.
- **Machine Learning based solution to detect tool/equipment failure** for M/s ETUDES ET PROMOTION DES ENTERPRISES SARL, Democratic Republic of Congo.
- **Development of AI based LMS for management of Schools at Lubumbashi** (Democratic Republic of Congo) for E.P.E Sarl, Lubumbashi.
- **Web Scraping data for Govt of Ivory Coast** to retrieve data of all NGOs at Ivory Coasts and their nature of work
- **Batch Tracking Project-7 Stations for Cell Lines – AI Analytical Project** for Total Automation of cell lines of M/s Tata Power Ltd Bangalore w.e.f 13 Jun 23

DOCTORAL SUPPORT

- 03 Research Scholars (Data Science) from Presidency University, Bangalore (2020)
- 01 Research Scholar (Data Science) from VTU, Belgaum, Karnataka (2020)
- 01 Research Scholar from East Point Institute of Technology, Bangalore (2020)
- 01 Research Scholar from Saphthagiri College of Engineering, Bangalore (2020)
- 01 Research Scholar from Pillappa College of Engineering Bangalore (2020)
- 01 Research Scholar from Cambridge Institute of Technology Bangalore (2020)
- 01 Research Scholar from Alva Institute of Engineering and Technology Mangalore (2020)

PROFESSIONAL PAPER AUTHORED

- National (Scopus / IEEE) indexed Journals : 34
- International : 15

SUBJECT MATTER EXPERT

- Moderator and Expert on Data Science and Digitilization at International Conference hosted by LIGS University, U.S.A on 28 and 29 Jun 21
- SME (Data Science) with Shri Vishwakarma Skill University, Haryana (Govt of Haryana) w.e.fOct 21
- SME (Data Science and AI) for course design of **PROFESSIONAL CERTIFICATE IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE for students of Indian Institute of Management (IIM) Kozhikode**

DOCTORAL STUDENTS GUIDED / GUIDING

- 02 Research Scholars at CMR University Bangalore in Data Science – Status : Awarded
- 01 Research Scholar from Sultanate of Oman under Banasthali Vidyapith, Rajasthan. Topic : **Development of Deep Learning algorithm for assessing consumer preferences of FMCG goods at Qatar** – Status : Completed, Aug 23
- 01 Research Scholar at LIGS University, U.S.A – Status : Completed Feb 23
- 01 Research Scholar (based out of Canada) at LIGS University, U.S.A for PhD in Strategic Management; Topic : **Impact of Knowledge and Education on Implementation of Project Management Deliverables in Health and Social Care** – Status : Completed
- 01 Research Scholar (based out of Singapore) at LIGS University, U.S.A for PhD in Project Management; Topic : **Study of major causes of contract disputes in construction projects in Singapore** – Status : Completed
- 01 Research Scholar at LIGS University, U.S.A for DBA in Coaching and Mentoring. Topic : **From Human to AI : The Changing Face of Business Coaching** - Status : Completed Aug 23
- 01 Research Scholar at LIGS University, U.S.A for **Artificial Intelligence : Implications on Development Programs in African Nations** : Status : Pursuing May 24

OPPONENT FOR PhD DISSERTATION THESIS

- 01 Student of LIGS University, U.S.A for her thesis titled “**Human Factor Drivers of Change Readiness: A Targeted Approach to Change Success**” – Dec 2022
- 01 Student at LIGS University, U.S.A for her thesis titled “ **Comparative Financial Analysis on the Economic Impact of the 2007 Financial Crisis and the COVID-19 Pandemic Crisis** – May 23”
- 01 Student at LIGS University, U.S.A for her thesis titled “ **Comparative Financial Analysis on the Economic Impact of the 2007 Financial Crisis and the COVID-19 Pandemic Crisis** – Jun 23”
- 01 Student at LIGS University, U.S.A for her thesis titled “**The Impact of**

Blockchain based FINTECH on MSME's access to finance, trust and efficiency in Mozambique – A Grounded Theory” – Jan & Apr 2024

- 01 Student at LIGS University for her thesis titled “**Empirical Study on the Impact of Knowledge and Education on Implementation of Project Management Deliverables in Health and Social Care” – Jaul 2024**

ACADEMIC ADVISORY BOARD

- RNB Global University, Bikaner (Since 2014)
- School of Data Science, AAFT University, Noida (Since 2021)

INTERVIEW PANEL

- Panel member Corporate Interview for Microsoft Bangalore (towards hiring Data Science professionals) on 10 Jan 22
- Interviewer to Tech Mahindra, Digit towards interviewing candidates (towards hiring Data Science and ML professionals) w.e.f 05 Jun 24

PROJECT EVALUATION

- Evaluation of Analytical projects done by students of MBA of NMIMS Mumbai (Nov 22)
- Evaluation of Project work (EDA and SQL) of MBA Students of NMIMS Mumbai (Feb 23)
- Evaluation of Project Work (Exploratory Data Analysis, Big Data and SQL) of MBA X - Cohort13 - Term 3 - Course 4 (May 23)

RESOURCE PERSON

- Resource Person at INTERNATIONAL SCHOOL OF MANAGEMENT EXCELLENCE Bangalore on 25 Feb 22 for the topic “**MODEL BUILDING AND DEVELOPING RESEARCH HYPOTHESIS**”.
- Resource Person at NITTE Mangalore on 15 Feb 24 on “**Gen AI for teachers, students and Researchers**”

PROFESSIONAL PAPER REVIEWER

- Reviewer for professional papers submitted for IJCDS 2023
- Reviewer for professional papers submitted for IJCDS 2024

JOB SUPPORT

- Job support for 01 candidate employed at U.S.A in developing real time ML models w.e.f 21 Mar 22
- Job support for Data Scientist employed at a power company at U.S.A in solving

analytical projects w.e.f Jul 23

PERSONAL DETAILS

D.O.B : 05 Mar 1972

REFERENCES

Will be provided on request

S Suresh Kumar