RISE

PG PROGRAM IN DATA SCIENCE

KPMG

PG Program in Data Science
with **Industry Project**

About

RISE

RISE is more than an edtech portal– we are an innovative, technology-first online campus set up with a mission to empower you towards lifelong transformation. We aim to transform and propel the fields of technology, data science, business analytics, artificial intelligence, machine learning, cybersecurity, market research, fintech, global business administration, and more, light years ahead.

With a vision to shape a worldwide community of forward-thinkers, risk-takers, change-makers, innovators and leaders, we are here to fortify your career so you are ready to take on the world as leaders of tomorrow and reach newer heights of success in your field of choice.

RISE Advantages

RISE is an online education platform that offers the latest industry-relevant professional programs.

Innovative Academic Excellence

Leveraging the expertise of industry leaders and academic excellence of mentors to ensure a strong focus on conceptual knowledge & skill development for future job readiness.

Live Lectures

Live lectures combined with academic mentorship for an optimal learning experience.

Industry Ready Skills

Hands-on experience via industry project, case studies & capstone project.

Transformative Learning

Industry mentorship via live sessions with subject matter experts

Lifetime Learning

Quarterly webinars & live sessions by domain experts for RISE alumni

Comprehensive Career Assistance

Resume building, mock interview, student profile enhancement and industry mentorship for best job opportunities.

RISE

Program Highlights

Interactive Learning

At RISE we are employing and stressing on practical-based learning for our students who are keen to apply their knowledge to real-life scenarios. This practical-based learning approach will help students to tackle a range of business problems using Data Science techniques.

25
Assignments

25
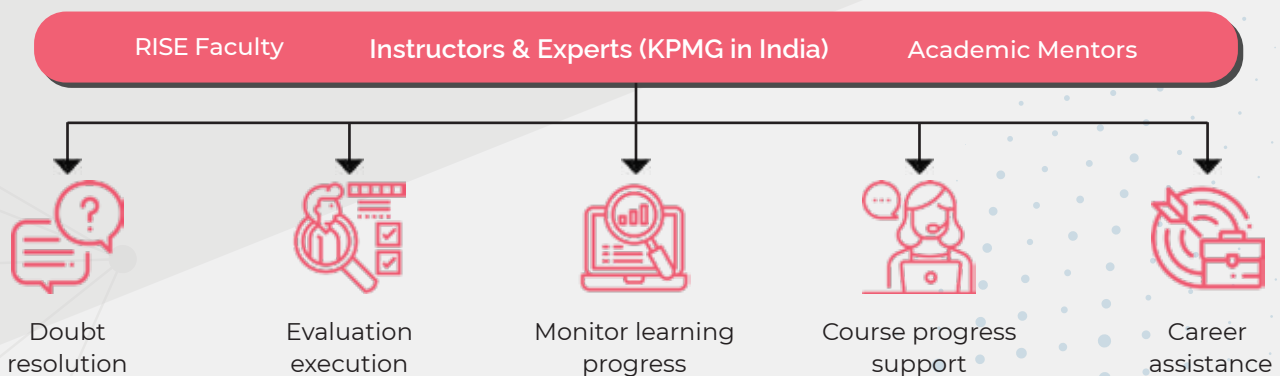Quizzes

32
Case Studies

80%
Sessions are lab exercises

Inclusive Mentorship

For better classroom experience we have on-boarded 3 types of mentors. They will guide each student into a better understanding of the subject.

RISE Faculty   Instructors & Experts (KPMG in India)   Academic Mentors

Doubt resolution

Evaluation execution

Monitor learning progress

Course progress support

Career assistance

Applied Learning

Student's learning will be thoroughly tested and evaluated via Capstone Project and an Industry Project. This dual project structure will mold and carve a student into a true Data Science professional.
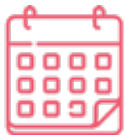
Capstone Project - 4 weeks
Industry Project - 4 weeks

Our partners

AREA MEDIAWORKS   Uber   RAW PRESSERY   BlueYonder

Evaluation Format

Students will undergo a comprehensive evaluation process through quizzes, MCQs and assignments to track their progress. It ensures that each learner is receiving adequate support from academic and industry mentors.

Semester Pattern	MCQs	Assignments	Quizzes

Extra-curricular Activities

At RISE, we have curated an array of extracurricular activities to aid professional development alongside the regular course. Through these, we aim to provide learners with insights into current industry trends and provide networking opportunities with industry leaders.

Webinars	Expert sessions	1:1 Sessions with Industry Leaders

Financial Assistance

RISE offers financial assistance through scholarships and interest-free EMI options to all students enrolled in the program.

Scholarships	EMIs	Learner's discount

The Most Influential Careers of Today and Tomorrow

The IT revolution, social media and the digitization of our world have led to the creation of huge volumes of data.

At the World Economic Forum 2019, it was estimated that data scientists & analysts would become one of the highest in demand roles in the world - by 2022. Towards the end of 2020, in India alone, more than 93,500 data science jobs were vacant.

Source: Future careers 2021: Data Science and how it changes everything

Transform your Career

Our PG Program in Data Science provides domain expertise, programming skills and knowledge of mathematics and statistics to gain an in-depth understanding of how to process raw data.

This program will help you learn how to extract the information while helping you in finding trends and solutions that can be used to make future predictions in various fields of work such as healthcare, finance, business operations, etc.

Future Scope of Data Science

Current Data Science Trends

NASSCOM has predicted that the Indian analytics industry is expected to reach USD 16 billion, by 2025. This means that it may account for 32% of the global analytics market.

Source - India Big Data Technology & Services Market - Growth, Trends, COVID-19 Impact, and Forecasts (2021 - 2026)

Companies Facing Problems in Handling the Data

Organizations have a high demand for data professionals for deriving insightful business strategies and effective data-driven decision-making.

Industries Looking for Data Science Specialist

E-commerce, Manufacturing, Banking & Finance, Healthcare, Transport, Software, Consulting, Education, Telecommunication, Energy Industries.

Job Roles for Data Science Expert

Data Engineer, Data Analyst, Data Architect, Statistician, Data Scientist, Database Administrator, Data and Analytics Manager & much more.

Industry highlights of: 2020-2021

93,500 — Approximately 93,500 open jobs were available at the end of August 2020 according to the analysis carried out by AIMResearch

9.8% — In August 2020, India contributed to 9.8% of the total global Analytics job openings. This is a significant jump from the figure of 7.2% of total global job openings in January 2020.

28% — Delhi/NCR region of India is the largest player in the analytics industry in India that contributes about 28% of the total revenue amounting to about 565 million U.S. dollars. Delhi/NCR is followed by Bengaluru with a contribution of 27%

1.3M — Data analysts in the e-commerce sector get paid about 1.3 million Indian rupees per annum, while the retail and FMCG sectors come close with 1.2 million per annum.

$75B — The Analytics industry is expected to grow at a CAGR of 16% till 2025 – the Indian analytics market in 2025 would touch $75 Bn.
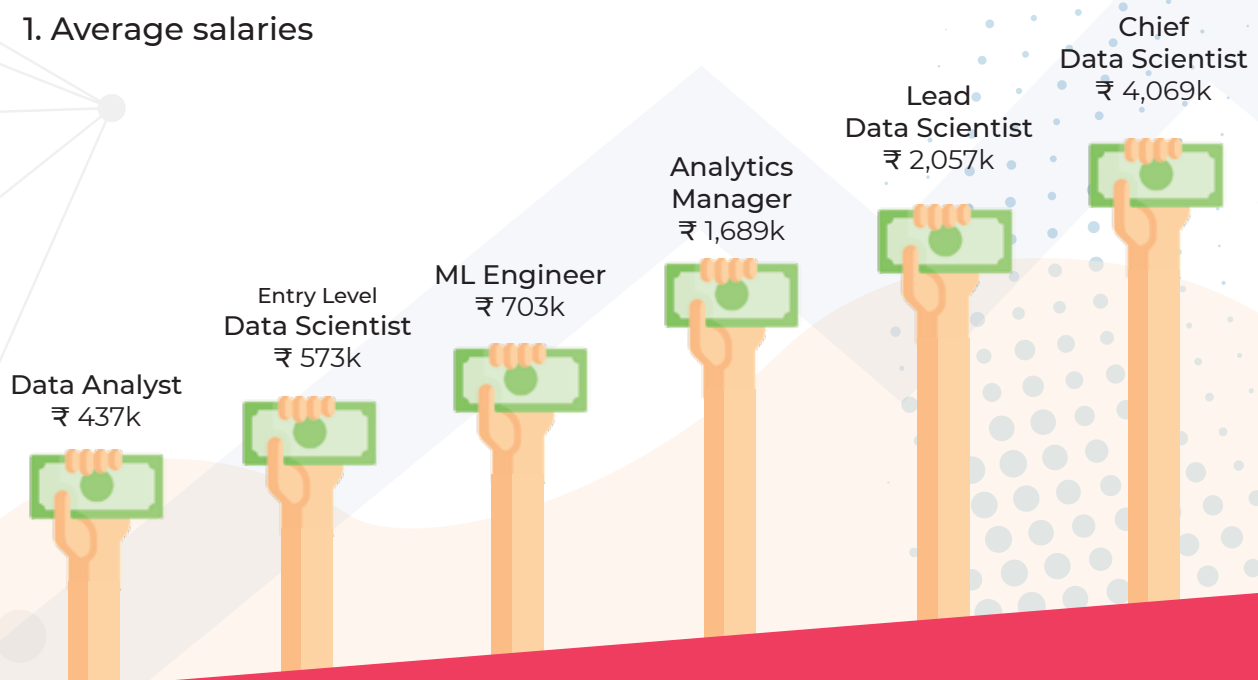
10 — The 10 leading organizations with the most number of analytics jobs advertised in August are dominated by the MNC and Domestic IT & KPO organizations – Accenture, Mphasis, Cognizant Technology Solutions, Capgemini, Infosys, Tech Mahindra, IBM India, Dell, HCL Technologies, and Collabera Technologies.

Job Profiles

1. Average salaries

Data Analyst
₹ 437k

Entry Level
Data Scientist
₹ 573k

ML Engineer
₹ 703k

Analytics
Manager
₹ 1,689k

Lead
Data Scientist
₹ 2,057k

Chief
Data Scientist
₹ 4,069k

2. Skills that impact data scientists' salaries

Below are the most popular skills and impact on their effect on salary

SPSS	68% ▲	Natural Language Processing (NLP)	23% ▲
Software Development	53% ▲	Apache Spark	21% ▲
Artificial Intelligence (AI)	52% ▲	Statistical Analysis	13% ▲
Business Analysis	46% ▲	Deep Learning	12% ▲

3. Pay scale by experience level of data science professionals

The proportion of data science professionals is the highest in the entry and mid levels (0-6 Lakhs – 38.2% and 6-10 Lakhs – 20.3%). However, 41.5% of all professionals fall in the higher level (greater than 10 Lakhs per annum)

₹ 2,000k
10+ years

₹ 993k
5-9 years

₹ 611k
1-4 years

₹ 573k
< 1 year

Source: Average Data Scientist Salary in India

Key highlights of our PG Program in Data Science

PG Program Certification from RISE & KPMG in India

Academic mentoring & peer to peer learning opportunity

Customisable program specially designed for both fresh graduates & working professionals

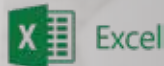Live lectures by industry professionals & self-paced learning
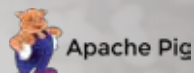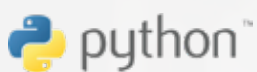
Comprehensive career assistance including resume building, mock interviews & student profile enhancement

Industry & capstone project

Tools & more

python™

HIVE

hadoop

R

Scala

Apache Pig

tableau

Spark

MySQL

TensorFlow

mahout

Excel

Our Learning Methodology

Learn concepts
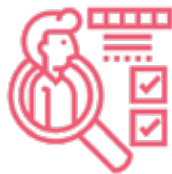Live sessions with trainers and complementary coursework

Practice on platform
Experiential learning through assignments

Assess learning
Continuous assessments to track learning

Apply learning
Capstone projects and internships for industry exposure

Engage with industry
Live sessions and webinars with industry leaders

Transform
Career and placement support to achieve your professional goals

Customized Program Option

Post Graduate Program in Data Science

Price: ₹ 1,25,000/- + GST
Duration : 11 months

Module 1	Introduction to Data Science	2 Weeks
Module 2	Data Visualization with Tableau	2 Weeks
Module 3	Statistics Essential for Data Science	3 Weeks
Module 4	R Programming for Data Science	5 Weeks
Module 5	Data Science with Python	5 Weeks
	Industry Project	**4 Weeks**
Module 6	Machine Learning I (Supervised Learning)	5 Weeks
Module 7	Machine Learning II (Unsupervised Learning)	5 Weeks
Module 8	Big Data Analytics	3 Weeks
Module 9	Natural Language Processing	2 Week
Module 10	Web Scrapping	2 Week
Module 11	Introduction to Deep Learning & Artificial Intelligence	2 Weeks
	Capstone Project	**4 Weeks**

Comprehensive Career Assistance

Placement Assistance

A dedicated placement team to assist our students to get better career opportunities in various Data Science job roles

Resume Building

Revamp your resume to attract recruiters' attention and leave a great first impression

Mock Interview

Mock interviews & access to smart sessions that will prepare you to ace interviews

Industry Mentorship

Program mentors will help students with subject and career-related queries and guide them throughout the program

Student Profile Enhancement

Optimisation of digital profile through guided professional assistance for better career opportunities

Industry Collaboration

- RISE is an edtech company offering the latest industry-relevant professional programs.

- RISE has been providing job-oriented training in shaping you to be an expert in whatever domain that you choose. The curriculum is customised according to the requirement of the industry.

- With a vision to shape a worldwide community of thinkers, risk-takers, change makers, innovators and leaders, we are here to fortify your career so you are ready for the world that will be tomorrow. It is this endeavour which has made us inclusive not just in terms of making education accessible to the innards of the world by being online, but also with the varied courses, curriculum and pedagogy that's evaluated by globally-acclaimed faculty and thought leaders.
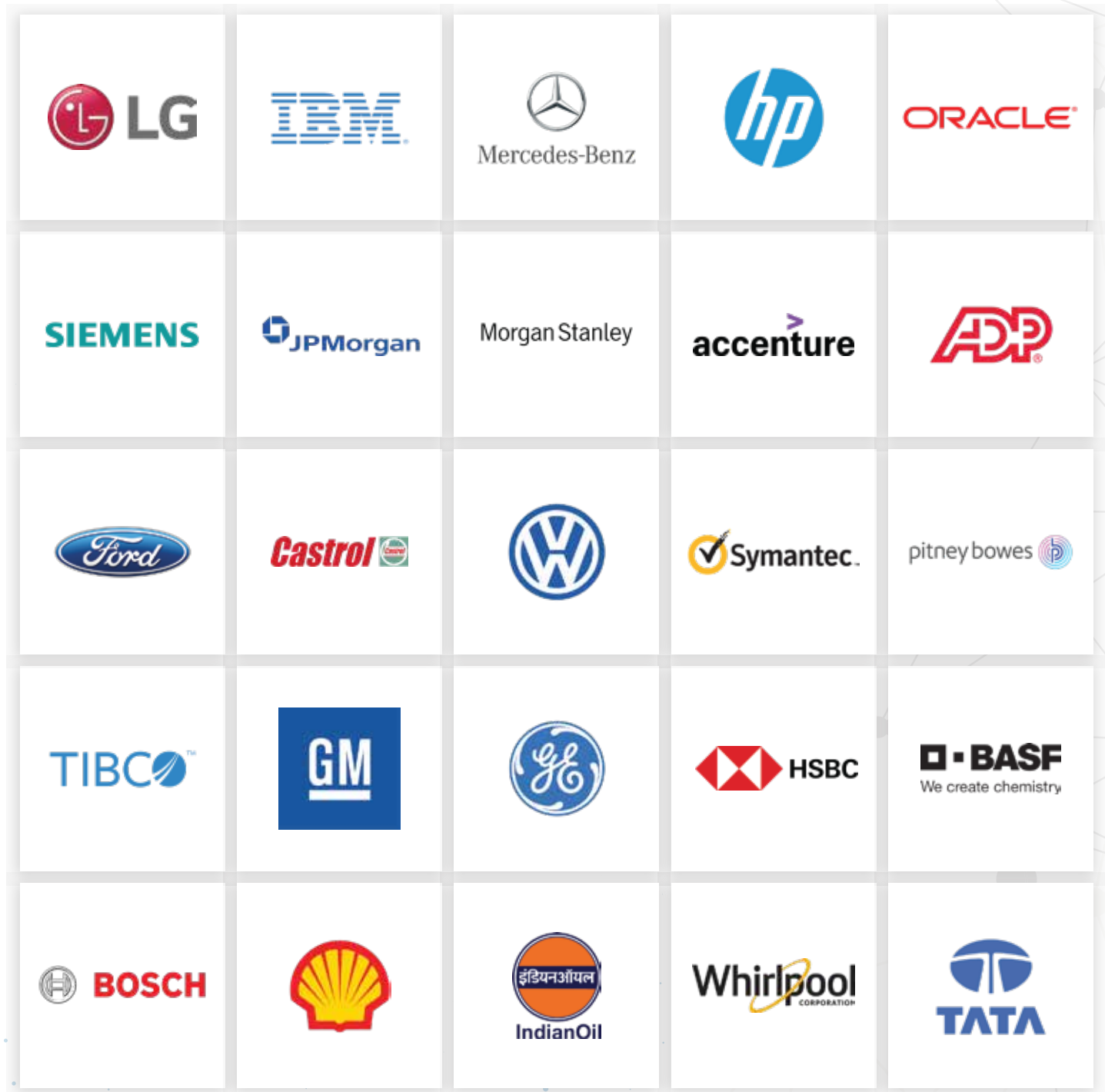
RISE aims at helping professionals with industry-ready skills they need to progress in their future. We also aim at helping organisations with their advanced corporate training. Our practical exposure to industry strategies and applied approaches result in upgrading your skills. Become proficient by attending our live classes every week. You will experience pragmatic knowledge by working on real-world projects and case studies. Experience the modern art of learning high-end technologies at RISE. The companies listed below are part of a fast-growing list of our most trusted Industry Partners. We are proud to have their support in ensuring that RISE sets the highest benchmarks in guiding our students who have been exposed to the best curriculum and received sufficient inputs from Industry to make them winners in their respective line of work.

Industry Partners

- TCS
- Jampot Photonics Ltd.
- Parikhsa
- Knoesis Pvt. Ltd.
- V-Plast
- Persistent Systems
- IBM
- AIPMA
- IPUA
- Wolters- Kluwer
- Agiliad Technologies
- Tata Elxsi
- RelyonSolar Pvt. Ltd.
- Exadatum
- Bitwise
- Soft Corner
- Exxat Systems Pvt. Ltd.
- Pratisaad
- Hexanika Technologies
- Sigma OSS Ltd.
- Mercedez Benz   Ltd.

- Mercedez Benz Ltd.
- Woxi Ltd.
- Vritti Solutions
- Opulent Technologies
- Internshala
- SKF
- Kranti Enterprises
- Akses RCBD
- E-Zest
- Thermax
- Eco Recycling Ltd.
- Intelliment
- Entrepreneur's Castle
- Yugstart Technologies
- Algo Analytics
- Shalaka Connected Devices LLP
- Devise Electonics
- Ajanta Pharma
- Healis Sekhsaria Foundation
- Rudra / Keshavsita Foundation
- Western Union

- Everest Industries
- Hilti India Pvt. Ltd
- KPIT
- Kakde Lasers Ltd.
- Arsan Technologies
- Hudas Technologies
- Edutech Learning
- Magnum Opus
- PARI
- Hilti India Pvt. Ltd
- Izealiant Technologies
- C-DAC
- Brainstorm
- SVS Aqua Technologies, Pune
- MIST Resonance Engineering Pvt. Ltd., Pune
- Hydrocons Systems Pvt. Ltd., Mumbai
- Allied Digital
- Tata Technologies Ltd.
- Techno Samarthyam

Prime Recruiters

Some of our prominent recruiters are:

LG · IBM · Mercedes-Benz · hp · ORACLE

SIEMENS · JPMorgan · Morgan Stanley · accenture · ADP

Ford · Castrol · VW · Symantec · pitney bowes

TIBCO · GM · GE · HSBC · BASF We create chemistry

BOSCH · Shell · IndianOil · Whirlpool · TATA

CREDIT SUISSE

Infosys
Navigate your next

Atos
Origin

ओएनजीसी
ONGC

amdocs

Microsoft

Cognizant

Tech
Mahindra

Reliance

amazon

wipro

LARSEN & TOUBRO

Mahindra
Rise.

JOHN DEERE

भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

eQ Technologic

FORCE
MOTORS

geometry globa
geometry

HYUNDAI

HYVA

SAP

JCB

Johnson
Controls

softcell

KPIT

About KPMG in India

In this era of rapid technological innovations and changes, the formula for the success of an organisation lies in the continual improvement of its processes and leveraging its effectiveness for business excellence. KPMG in India prepares organisations to move towards business excellence through integrated model-based software process improvement and assessment services.

KPMG in India has access to a global network of resources who possess the extensive professional experience to chart a value-added sustainable process improvement. It is based on contemporary models and methodologies such as:

- Business Performance
- Software Development
- Lifecycle & Project
- Management Advisory
- People Management
- Governance & Value
- Management Service Management

Analytics Learning: Business Context

In this digital age, the scope of Data Science as a career has grown immensely. There has been a demand for Data Science professionals, which is expected to increase exponentially in the next few years globally. Likely, there might soon be a severe deficit of skilled data analytics professionals to cater to the growing demand in the industry.

To meet the inevitable requirement for qualified and equipped Analytics professionals, KPMG in India has designed training programs, especially keeping in mind students of various undergraduate and master's programs. These programs seek to give participants hands-on exposure to powerful tools used to analyze data. They aim to familiarize participants with practical, real-world data analysis from a business point of view.

KPMG in India & RISE

The program offered by KPMG in India is designed to keep both programmers and non-programmers in mind, intending to orient them towards data analytics. A team of data professionals from KPMG in India is assigned to design the program considering the industry requirements; furthermore, they will also assist, guide and teach students. Our foremost approach is to provide students of RISE with a thorough understanding of business cases in the orga--nisational context to keep them updated with the industry trend. The hands-on training using real-life case scenarios from organisations helps our students to harness the viable objectives set by the companies and its employers.

Experts from KPMG in India

SANKARAN VENKATARAMANI
Executive Director and Management Consultant
KPMG in India

He has 22 years of rich industry experience in the field of Strategic Quality management. He is responsible for Global Delivery in BE practice and for providing advisory services on strategic process improvement initiatives using the ISO, CMMI, PCMM framework, VOC, and Six sigma services. He has provided advisory services for CMM & CMMI Level 5 and facilitated many organisations. He has provided advisory and training services to over 90 organisations. Mr. Venkataramani has conducted around 47 SCAMPI appraisals with 35 focusing on high maturity levels. He has also assisted around 45 Organisations on PCMM initiatives.

DR. SRIJITH SREENIVASAN
Director KPMG in India
Solution Leader

He leads the Data Science learning solutions and model-based solutions offering services in CMMI, PCMM, and process advisory. He advises clients and delivers training in Analytics, CMMI, Statistical Process Management, Six Sigma, Project Management, Agile methodologies, and People practices. Dr. Sreenivasan works towards making measurable improvements to the business objectives of organisations through the application of systematic and innovative approaches.

KALIAPPAN M
Management Consulting Business Excellence, KPMG in India
Technical Director

He has around 34 years of extensive industry experience spanning across embedded system development. knowledge and skills in using statistical techniques, high maturity concepts, and Lean Six Sigma. Instrumental in developing strategies for high maturity program and Services model (CMMI-SV C) implementation. Led High Maturity Program in HP, coaching, consulting, and training on CMMI, High Maturity. He has provided advisory services for CMM & CMMI Level 5 (DEV and SVC) and facilitated many Organisations.

Instructors from KPMG in India

AMIT CHOUDHARY
Manager KPMG in India
Data Analytics Solution Expert

He delivers training in R or Python programming for data analytics, Text Analytics, Data Visualizations using Tableau, R, Python, Power-BI, Data Scraping and Wrangling, EDA and Advanced Unstructured Data Analytics.

DILEESH K V
Manager Business Excellence KPMG in India
Lead Instructor

Responsible for providing advisory and training services to clients in the areas of Data Analytics, expertise in Six Sigma and other continuous improvement methodologies. Expertise in Process Improvement and Consulting, Predictive analytics using tools R, Python, business and technology transformation.

ARUN RAVI
Management Consulting, Transformation BE, KPMG in India
Lead Instructor

Trainer and coach in agile-based methodologies and data analytics. Worked on Process Improvement activities, right from identifying the gaps to defining standard organisational processes based on industry best practices and Organisational process needs derived from Business objectives.

SWATHI KRISHNAN R K
Assistant Manager,
Business Excellence, KPMG in India
Instructor

Responsible for service delivery in various solutions like Data visualization, Business Analytics, Six Sigma, ISO 9001-2015, CMMI-DEV, CMMI-SVC and PCMM.. His expertise lies in the usage of tools such as Minitab, Tableau, Power Bi, Qlik Sense, Python, R, SPPS and Microsoft office 365.

RAYNETTE FURTADO
Consultant, KPMG in India
Instructor

Part of the Business Excellence practice of KPMG in India, responsible for providing training in the field of Business analytics using tools like R, Python and Tableau.

STEPHEN MYABOO
Consultant, KPMG in India
Instructor

Associated with Business Excellence practice of KPMG in India, responsible for delivery of training in the field of Lean Six Sigma, Business Statistics and Business Analytics using R/Python and Advanced Excel.

KAUSHIK SWAROOP
Analyst, Advisory, KPMG in India
Data Science Trainer

He provides a Data Analytics solution which is the part of Business Excellence practice at KPMG in India, which delivers advanced courses in the area of Analytics, ML, AI and Data Visualization. He is proficient in tools like Python, R, Tableau and Excel. Also, Data Analysis techniques like Predictive Modelling, Exploratory Data Analysis, Data Wrangling and Unstructured Data Analytics.

Academic Mentoring Panel

DR. S KUMAR CHANDAR
Associate Professor - (Decision Science)
School of Business & Management
CHRIST (Deemed to be University),
Bangalore
20 years of experience

Domain Expertise - Image Processing, Intelligent Agent for Information Retrieval, Marketing Management, AI in Business Application (Finance Domain), Soft Computing & Bio-Inspired Computing in Stock Price Prediction, Natural Computing in Finance, Computational Cognitive NeuroScience in Business Applications,

UMANG KEJRIWAL
Resource Person at IIT Roorkee
7+ years of experience

Domain Expertise: Robotics & Embedded System android App Development, Web Development, Python, Data Science, Machine Learning and Internet of Things, C (EMBEDDED C), Java, Python, Php, JavaScript, AVR STUDIO 4, Atmel Studio 6.1, Eclipse, Arduino IDE

DR. NEHA SHARMA
Consultant, Tata Consultancy Services
Founder Secretary, Society for Data t
21 years of experience

Domain Expertise - Data Science, Data Mining, E-Commerce, Network Modeling Analysis, Neural Network Model, Big Data Analytics, SSaaS, Analytics and Innovation

DR. MANOJ DASH
Assistant Professor, IIITM Gwalior
13 years of experience

Domain Expertise: Marketing Analytic and Intelligence, Econometrics modeling in Marketing, Optimisations, Modeling in Marketing, Consumer Behaviour, Behavioural Economics, Marketing Research and Advertisement and Sales Promotion Management.

DR. GAURAV NAGPAL
Faculty for Analytics and
Decision Sciences, BITS Pilani
14 years of experience,

Domain Expertise: Marketing Analytics, Retail Analytics, Quantitative Techniques or Business Statistics, Operations Research, Advanced Statistical Methods, Supply Chain Management, Total Quality Management, Business Analysis and Valuation

DR. SHIVANI BALI
Professor,
Jaipuria Institute of Management
17 years of experience

Domain Expertise: Statistics, Operations Research, Business Analytics, Data Science, Machine Learning, Advance Machine Learning, Supply Chain Analytics, Programming for Analytics, Research Methodology. R, Python, SAS, SPSS, Advance Excel.

SAURABH AGARWAL
Associate Professor, HBTU Kanpur
B.Tech (IIT Kanpur), M.Tech (IIT Delhi)
20 years of experience

Domain Expertise: Predictive Analytics, Data Analytics & Machine Learning, IBM SPSS Statistics, IBM SPSS Modeler, Amos, Modeler, Python & R for Business Analytics

Who is this Program for?

- Any enthusiastic beginner fascinated by the field of Data Science.

- Any professional who wants to up-skill and re-skill in their careers can also apply.

- Any professional who wants to change careers and gain a competitive edge.

- A graduation degree in any field is a necessary criterion for the Data Science Program.

Admission Details

Get in touch with our counsellor to kick-start your journey towards becoming an Data Science expert.

Our counsellor will assist you in enrolling with our exclusive Data Science Program

Complete your enrollment & get started with the program.

CONTACT FOR ADMISSION

Phone: +91 9049689898 | Email: admissions@wpurise.com

Get in touch

**Get Exclusive Scholarship Benefits,
Free Career Counseling.**

+91 9049689898

admissions@wpurise.com

www.risewpu.com