



CERTIFIED SPECIALISTS IN DATA SCIENCE & ANALYTICS

Data Science - "The Sexiest Job of the 21st Century"
- Harvard Business Review

75% Scholarship offers for high performers in Entrance Test

COURSE DELIVERY



ICT Academy of Kerala

A social enterprise supported by Govt. of India,
partnered by Govt. of Kerala and IT Industry

SPONSORING ORGANISATION



Norka Roots

A Government of Kerala Undertaking

Program Highlights



Kerala Govt owned Industry led Program



Blended Program



Training by In-House Experts and Industry Experts



Personalised Training Program



Industry's popular Data Analytics Tools taught



Placement Support for Diploma holders

CERTIFICATION

There will be formative assessment throughout the programme and a summative assessment at the end of the programme. A weighted average of formative and summative assessments will lead to certification. Participants will need to obtain 60% and above to obtain Successful Completion Certification. They also should have a minimum attendance of 70% both in the classroom and online discussion forums. Other participants will obtain a Certification of Participation for the course.

This course also serves as a prerequisite for "Diploma in Data Science and Machine Learning", on pursuing which students will enhance employability skills and wider range of opportunities.

CERTIFIED SPECIALIST IN DATA SCIENCE & ANALYTICS

Data Scientist and Data Analysts are hot job titles right now. They solve challenging Business and Technology problem in multiple domains Such as Banking, Agriculture, manufacturing, retail etc. While Data Scientists is a breed of experts who assign and build solutions centered around data problems . Data analyst interpret data and turn it into insights that can offer ways to improve a business. The increasing demand of data science professionals to manage the large amount of data produced in organizations has created millions of job opportunities. This course not only provide new career opportunities but also supplement as an add-on to your job profile in your current role.

DURATION & ELIGIBILITY

Duration : 275 hours
(140h classroom + 35h Self-learning + 100h Project)

Any graduate with programming aptitude and affinity towards the data

FEES

The fees for the program is Rs. 25,000 plus GST.

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The course benefits:

- Four keys to data science field
 1. *Programming*
 2. *Statistics*
 3. *Data Science Models*
 4. *Data Visualization*
- Python Programming skills to build the data science programming. The raw data processing, analysis and visualization form a part of the preparatory model.
- Foundation in Statistics as required by the analyst and scientists
- All the popular Data Science Algorithms are covered to form a right blend of the knowledge acquired.
- Expertise to create business process with Data Science project.

Agenda

1. Preparatory Module (42 hours)

- Python for Data Science
- Data Analytics Using Excel
- Data Visualization using Tableau

2. Statistics Module (28 hours)

- Introduction to Statistics
- Classification, Tabulation & Presentation of Data
- Measures of Central Tendency & Dispersion
- Simple Correlation & Regression
- Testing of Hypothesis, Chi- Square Test, F-Distribution, ANOVA
- Probability and Data Science

3. Data Science Basic Module (70 Hours)

- Linear Regression
- Logistic Regression
- Clustering
- Principle Component Analysis (PCA)
- Support Vector Machine (SVM)
- Case Study

4. Project (100 hours)

5. Self-learning (35 hours)





NORKA ROOTS

NORKA is the designated authority for the attestation of educational documents originated in the state of Kerala. It implements welfare programs for the Keralites residing within and outside the country. NORKA Roots is licensed by the Protector General of Emigrants for acting as recruiting agency for overseas.



ICT ACADEMY OF KERALA

We are the only Public-Private-Partnered IT skills delivery Organisation in Kerala that has the partnership ecosystem comprising some of the worlds known IT Organisation such as TCS, QuEST Global, EY, UST Global, IBS, Infosys etc. We are indeed supported by both Union Government and the State Govt. of Kerala. We, therefore, are the most credible training provider in the state to offer such programme. We have designed the course based on the partner requirements and our course include expert classroom sessions from the industry (approximately 20% of our courses will be delivered by industry experts).

CONTACT US

Norka Roots

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