



**ICT
ACADEMY
OF KERALA**



ESSENTIAL SKILL PROGRAM DATA ANALYTICS WITH EXCEL



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About the Program

The Data Analytics with Excel program equips individuals with essential knowledge and practical IT skills. It also helps to understand the fundamental Statistical Analysis using Excel, covering statistical concepts and their application. Learners will be equipped with the essential Excel data analytics skills, enabling them to analyse, visualise, and draw meaningful insights from data effectively.



LIVE TRAINING
(30 HRS.)



SELF-PACED LEARNING
(30 HRS.)



CAPSTONE PROJECT
(45 HRS.)

Why Skilling?

Skilling programs offer a variety of benefits, including:

- Improving employability and job readiness
- Enhancing knowledge and skills in a specific field
- Increasing earning potential and career advancement opportunities
- Meeting industry demands for skilled workers
- Keeping up with the latest trends and technologies in the field



The ICT Academy of Kerala offers placement assistance for candidates ranging from entry-level to experienced professionals. With its extensive industry partnerships, ICTAK provides students with diverse job opportunities and career paths in the IT sector. The mentors and advisors at ICTAK have a strong network of contacts and resources to guide students through their job search, helping them secure the right job. The academy will serve as a link for placing the right candidate in the right job role.

Scope of the Program

- Excel's versatility shines in data manipulation tasks. It excels at cleaning, sorting, filtering, and aggregating data, making it indispensable for handling raw datasets effectively.
- Excel serves as a potent tool for data visualisation. It empowers users to create basic yet impactful data visualisations and reports.
- Excel often serves as a foundational tool for individuals seeking to transition into more specialized data analysis and data science roles such as data analyst, business analyst, and financial analyst.
- Excel can act as a transitional bridge for individuals aspiring to work with advanced data analytics tools and programming languages such as Python, R, and SQL, or specialized data visualisation tools like Tableau.

Key Highlights

- Suitable for students, graduates, and working professionals
- LinkedIn Learning / Unstop access for three months
- Internship opportunities for Unstop users
- Add-on program on Cloud Computing Fundamentals
- Employability skills training

Agenda

- Introduction to Data Analytics and Excel
- Data Cleaning and Preprocessing
- Data Exploration and Visualisation
- Basic Statistical Analysis
- Advanced Data Analysis Techniques
- Introduction to Excel Macros and VBA
- Excel Power Query and Power Pivot
- Forecasting and Predictive Analytics
- Case Study

Objectives

- Equip participants with Excel skills for data analysis, covering data manipulation, cleaning, and visualization.
- The training program covers advanced Excel functions and features like Power Query and Power Pivot, enabling participants to handle complex data analysis challenges.
- The course provides a solid foundation in data analytics, preparing learners for advanced studies and specialized tools.
- The training program will highlight the need to stay current with evolving data analytics trends and technologies to stay competitive in the job market.

Powered by



Knowledge Partner



Program delivery



Internship Partner





About ICTAK



The ICT Academy of Kerala (ICTAK) is a not-for-profit, public-private partnership (PPP) conceived by the Govt. of India and created by the Govt. of Kerala in partnering with leading industry partners such as TCS, Sowparnika Education Infrastructure, IBS, UST, and Quest Global. The academy empowers students and professionals to reach their digital aspirations through a comprehensive range of programs, from fundamental computer literacy to cutting-edge software engineering. As the leading provider of skilled workforce in the industry, ICTAK has an impressive track record with over 5,000 successful placements since its establishment. In 2023 October the ICT Academy of Kerala was recognized as a Total Solution Provider by the Dept. of Electronics & IT, Govt. of Kerala.

DATA ANALYTICS WITH EXCEL

Eligibility

- The following shall be eligible to join the course;
- Engineering or science graduates / three-year diploma holders in any engineering branches, final year/pre-final year students of these courses, having a foundation level knowledge (plus two equivalent) in Mathematics and Computer fundamental skills.
- Students who have completed their graduation but are awaiting the final results can also apply.

**Please note that the ICT Academy of Kerala will have the right to cancel the candidature at any point if found ineligible.*



**INFORMATION &
COMMUNICATION TECHNOLOGY
ACADEMY OF KERALA**
ICTAK

G1, GROUND FLOOR, THEJASWINI BUILDING
TECHNOPARK CAMPUS, THIRUVANANTHAPURAM
+91 75 940 51437 | 471 270 0811
info@ictkerala.org | <https://ictkerala.org>