

## ESSENTIAL SKILL PROGRAMS

# DATA ANALYTICS WITH EXCEL

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.)

## 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

## Eligibility

- 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.*



- ✓ **Online sessions tailored for graduates and professionals**
- ✓ **Scholarships for meritorious candidates via ICTAK**
- ✓ **Three-month access to LinkedIn Learning included**
- ✓ **Comprehensive employability skills training offered**



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