

# DATA ANALYTICS

Learn from industry experts and grow into a confident, industry-ready professional.

On-the-job Training

One-on-One Mentoring

100% Placement Assistance

Near Infopark

# Voleergo Academy – Powered By **Voleergo Solutions LLP**

Our career-oriented curriculum combines internships, mock interviews, soft skills development, and recognized IT certifications, equipping every learner with the skills and confidence needed to excel in top IT companies in Kochi, Kerala.

## Why Choose Voleergo

Short-Term & Long-Term Training (2–6 Months)

Online & Offline Learning Modes

Gen AI–Integrated Curriculum

Direct Support from Our Developers

One-to-One Mentoring with Industry Experts

Lifetime Placement Assistance

Live Project Exposure

Live Online & Regular Offline Classes

Placement Training



# IT Training & Internship Programs

Full Stack Development

Data Analytics

Software Testing

UI/UX Designing

AI & Data Science

# Course Outline



## Excel

- 01 Introduction to Data Analytics
- 02 Excel Interface and Navigation
- 03 Excel Formulas and Functions
- 04 Excel Data Cleaning Techniques, Excel Sorting and Filtering
- 05 Excel Tables and Named Ranges, Excel Charts and Visualization
- 06 Excel Pivot Tables and Pivot Charts, Excel Dashboard Building

## R

- 01 Introduction to R and RStudio

02 Data Types & Variables, R Data Structures

03 R Importing & Cleaning Data

04 Data Manipulation with dplyr

05 Data Visualization in R with ggplot2

06 Statistical Analysis in R

## Power BI

01 Introduction to Power BI Interface

02 Data Loading & Transformation in Power BI

03 Power BI Visualizations

04 Power BI Filters and Slicers

06 Power BI DAX Basics

07 Power BI DAX Basics, Relationships and Data Modeling

08 Time Intelligence

09 Power BI Dashboard Design

10 Power BI Service and Sharing Reports

## SQL

01 Introduction to Databases

02 SQL Basics & Database

03 Working with Queries (DQL)

04 SQL Control Statements

05 Functions in SQL

06 Subqueries and Nested Queries

07 Working with Joins

08 Views

09 Stored Procedures

10 Triggers

11 Cursors

12 Indexing and Optimization

13 Backup and Restore

14 Advanced SQL Features

15 AI SQL Tools

## Python

01 Python Setup & First Script

02 Variables & Data Types

03 Data Structures – List & Tuple

04 Data Structures – Dictionary & Set

05 String Operations & Formatting

06 Operators & Expressions

07 Conditional Statements

08 Loops – for and while

09 Functions & Scope

10 Error Handling

11 File Handling in Python

12 Introduction to Pandas

13 Introduction to NumPy

14 Data Aggregation

15 Data Visualization with Matplotlib

16 Visualization with Seaborn

17 Exploratory Data Analysis (EDA)

# Tools & Technologies

- Excel
- SQL
- Power BI / Tableau
- Python
- R

# Certifications That Build Your Future





# Career Opportunities

**Data Analyst**

**Business Analyst**

**Reporting Analyst**

**MIS Analyst**

**Junior Data Scientist**

# Join Our Team




**Voleergo Academy LLP**

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