



VERSION IT

Since 2001



FULL STACK DATA Analytics & AI



Best Training And Placement Institute



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About Version IT

Version IT is not a mere software training institute, a team of IT professionals developed it as the best knowledge centre for hundreds of career-building conscious young people. Our training academy is the best training institute in Hyderabad offering various software courses with aptly placement orientation. We proudly announce that we achieved 100% placements in every batch we have taken up in the past two decades. Version IT Academy's strength is our academic excellence with which we have been placed in the top position among the software training institute in Hyderabad.



Corporate Training



Class Room Training



Online Training

Why Choose Us!

Training By Certified Instructors



Mock Interviews



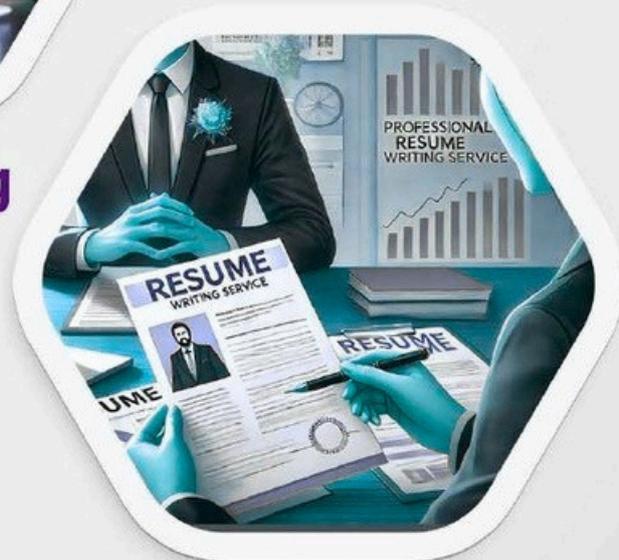
**Weekly
Assignments**



Project Training



**Interview
Cracking tips**



**Resume
Preparation**

Data Analytics & Business Intelligence with AI

Transform into a Job-Ready Data Expert in 4 Months

Version IT Institute

Ameerpet, Hyderabad | Online & Offline Classes

✓ Placement Assistance | ✓ Live Projects | ✓ Industry Mentorship

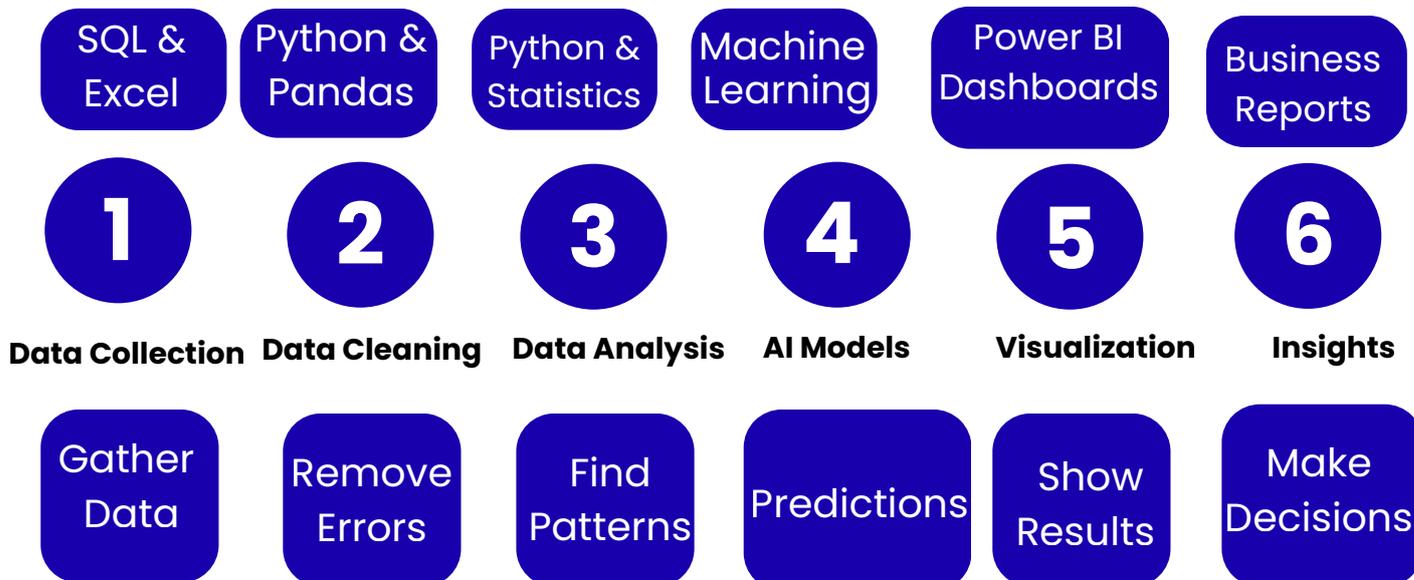
Program Overview

Data Analytics & Business Analytics with AI is a comprehensive, Industry-Focused Training Program designed to transform beginners and Working professionals into Job-Ready Analytics Experts.

This course integrates **Python, SQL Server, Advanced Excel, Power BI, Artificial Intelligence, Business Analysis Skills, and Git Hub**, covering everything from data fundamentals to predictive modeling and executive dashboard reporting.

Whether you aim to become a **Data Analyst, Business Analyst, BI Developer, or AI Analyst Power BI Developer**, this program provides the technical expertise, business understanding, and real-time project exposure required in today's competitive job market.

End-to-End Analytics Workflow



How can Learn this Course?

Perfect For

Professionals Aspiring to Excel in Data Analytics & Artificial Intelligence

- ★ **Aspiring Data Analysts & Business Analysts**
- ★ **Working Professionals Seeking Career Enhancement**
- ★ **MBA / BBA / B.Com / B.Tech / MCA / M.Com / MSC Aspirants**
- ★ **Senior Managers & C-Level Executives**
- ★ **Entrepreneurs & Business Owners**
- ★ **Career Transitions from Non-Tech Background**
- ★ **Engineering & Technical Students**
- ★ **Finance & Banking Professionals**
- ★ **Digital Marketing & E-commerce Specialists**
- ★ **Healthcare & Life Sciences Professionals**
- ★ **Freelancers & Independent Consultants**
- ★ **Recent Graduates & Entry-level Professionals**

Why to Choose Version it Training Institute?

★★ What Makes This Program Different? ★★

- ★ Industry-Driven Curriculum Updated Quarterly
- ★ Hands-on Real-Time Projects (4+ Projects)
- ★ AI & Machine Learning Integration Across Tools
- ★ Daily Assignments & Weekly Mock Tests
- ★ Resume Building & Portfolio Development
- ★ 1:1 Doubt Clarification Sessions
- ★ Dedicated Lab Support
- ★ Free Recorded Session Access
- ★ Multiple Mock Interviews
- ★ Interview Preparation Sessions
- ★ Interview Question Bank
- ★ Internship & Placement Assistance
- ★ Certification on Completion
- ★ Technical Coordinators for Both Offline and Online Aspirants

Career Opportunities

- **Data Analyst**
- **Business Analyst**
- **BI Developer**
- **Power BI Developer**
- **SQL Analyst**
- **AI Analyst**
- **Junior Data Scientist**

After Completing This Course You Will Be Able To:

By Course Completion, You Will Be Able To:

Data Mastery

Clean, analyze, and visualize data using Python, SQL, and Excel

AI & ML

Build predictive models and leverage AI for intelligent analytics

Dashboard Creation

Design interactive, professional Power BI dashboards for executives

Statistical Analysis

Apply statistics and probability for data-driven insights

AI Integration

Use Claude AI to scale analytics and automate insights generation

End-to-End Solutions

Deliver complete analytics solutions from data to insights

Career Ready

Qualified for roles: Data Analyst, BI Developer, Data Scientist

Business Acumen

Translate data findings into actionable business recommendations

What is a Data Analyst?

A **Data Analyst** focuses on collecting, cleaning, analyzing, and visualizing data to uncover insights that support business decisions. They work heavily with data tools and statistical techniques.

A **Data Analyst** is technically focused—they work with data, write SQL queries, clean datasets, and create dashboards and reports using Python, Power BI, or Tableau. They answer the question: "What does the data tell us?"

A **Business Analyst** is strategy-focused—they understand business needs, gather requirements from stakeholders, map processes, and recommend solutions. They answer the question: "What does the business need?"

Key difference: Data Analysts are deep in technical analysis; Business Analysts are deep in business strategy and communication.

The overlap: In today's organizations, these roles often blend together, with professionals doing both technical analysis and strategic thinking.

What Extra in Business Analyst?

- ✓ Strong Communication Skills
- ✓ Client Interaction
- ✓ Business Strategy Alignment
- ✓ Process Optimization
- ✓ ROI Analysis (Return on Investment)
- ✓ Decision Impact Monitoring

MODULE 1: PYTHON FOR DATA ANALYTICS

What You Will Learn in Python

By the end of this module, you will be able to:

- ✓ Write clean and structured Python programs
- ✓ Perform data cleaning and transformation using Pandas
- ✓ Conduct Exploratory Data Analysis (EDA)
- ✓ Create professional data visualizations
- ✓ Build predictive machine learning models
- ✓ Automate repetitive data tasks
- ✓ Connect Python with SQL databases
- ✓ Develop end-to-end analytics workflows

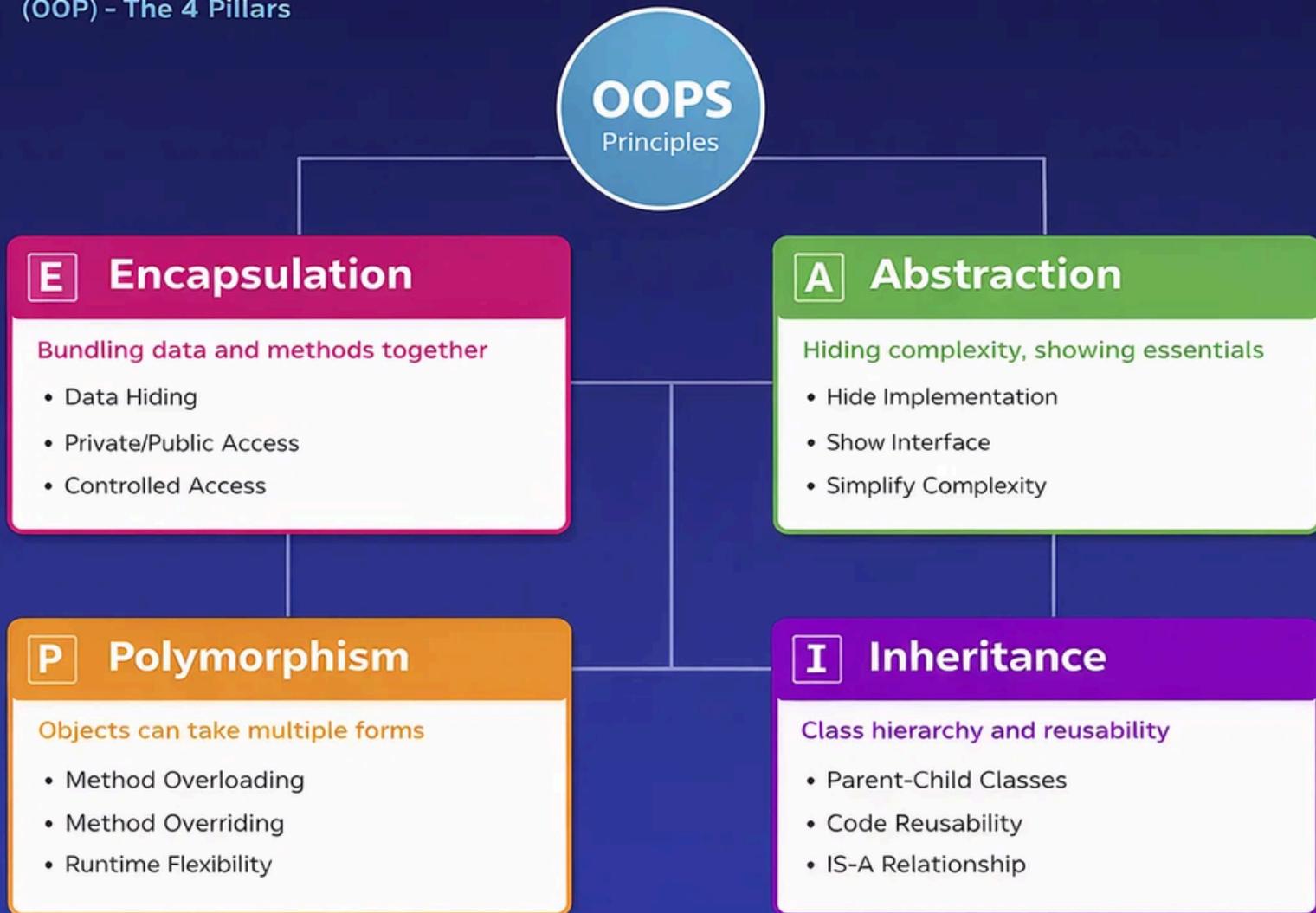
◆ Core Python

PYTHON PROGRAMMING

01 Foundations <ul style="list-style-type: none">• Introduction to Python• Installation of Python	02 Data Types & Variables <ul style="list-style-type: none">• Data types• Variables• Input()
03 Operators & Conditions <ul style="list-style-type: none">• Operators• if, elif, else statements	04 Loops <ul style="list-style-type: none">• for loops• while loops
05 Data Structures <ul style="list-style-type: none">• Lists, Tuples• Dictionaries, Sets• String Handling	06 Functions <ul style="list-style-type: none">• Function Definition• Parameters & Return
07 Modules & Files <ul style="list-style-type: none">• Date and Time Module• File Handling	08 Error Handling <ul style="list-style-type: none">• Errors & Debugging• Exception Handling

OBJECT-ORIENTED PROGRAMMING

(OOP) - The 4 Pillars



Key Benefits: Modularity • Reusability • Maintainability • Scalability • Security

Python Libraries for Data Analytics

Part I: NumPy, Pandas & EDA

KEY LEARNING OUTCOMES

- Master NumPy for numerical computing and array operations
- Use Pandas for data manipulation and cleaning
- Perform exploratory data analysis with visualization
- Create professional visualizations using Matplotlib
- Create advanced visualizations using Seaborn
- Understand univariate, bivariate, and multivariate analysis
- Prepare data for machine learning applications
- Build complete data analysis pipelines
- Handle real-world messy data effectively

SECTION 1: NUMPY – NUMERICAL COMPUTING

- Introduction to NumPy: Framework and advantages
- NumPy Attributes: Shape, size, dtype, ndim
- Array Creation: zeros, ones, arange, linspace
- Indexing & Slicing: Accessing array elements
- Iteration over Arrays: Looping through elements
- Array Manipulations: Reshape, flatten, transpose
- Mathematical Operators: Addition, subtraction, multiplication
- Relational Operators: Comparison operators
- Mathematical Functions: sin, cos, sqrt, exp, log
- Broadcasting: Operating on arrays of different shapes

SECTION 2: PANDAS – DATA MANIPULATION

- Introduction to Pandas: Data analysis library
- Series: One-dimensional labeled arrays
- DataFrame: Two-dimensional labeled arrays
- Creating DataFrames: From lists, dicts, numpy arrays
- Column Operations: Selection, addition, deletion
- Row Operations: Selection, addition, deletion
- Merging DataFrames: Join, merge, concatenate
- Importing Data: CSV, Excel, SQL, JSON formats
- Basic Dataset Insights: head, tail, info, describe
- Summarizing Data: Aggregation and statistics

SECTION 3: EXPLORATORY DATA ANALYSIS (EDA)

- Univariate Analysis: Analyzing single variables
- Bivariate Analysis: Relationship between two variables
- Multivariate Analysis: Relationship among multiple
- Matplotlib Plots: Histogram, Box, Scatter, Line, Pie, Bar
- Matplotlib Subplots: Multiple plots in one figure
- Seaborn Bar Plot: Categorical data visualization
- Seaborn Count Plot: Category frequency visualization
- Seaborn Box Plot: Distribution comparison

Python Libraries for Data Analytics

Part 2: Data Cleaning & AI/ML

KEY LEARNING OUTCOMES (Advanced)

- Clean and prepare messy data for analysis
- Handle missing values and outliers effectively
- Understand machine learning fundamentals
- Build supervised learning models
- Build unsupervised learning models
- Implement linear and logistic regression
- Apply decision trees and clustering
- Evaluate and optimize machine learning models
- Prevent overfitting and underfitting
- Build complete end-to-end ML pipelines

SECTION 4: DATA CLEANING & PREPARATION

- Dealing with Wrong Data Types: Type conversion
- Type Checking: Validating data types
- Type Conversion: Converting between types
- Treating Duplicates: Identifying and removing duplicates
- Handling Missing Values: NAN detection and treatment
- Missing Value Imputation: Fill, forward fill, backward fill
- Handling Outliers: Detection and treatment methods
- Statistical Methods: IQR, Z-score for outlier detection
- Drop Unnecessary Columns: Feature selection
- Data Validation: Ensuring data quality

SECTION 5: INTRODUCTION TO AI & MACHINE LEARNING

- Machine Learning Basics: Concepts and types
- Supervised vs Unsupervised Learning: Key differences
- Regression Analysis: Predicting continuous values
- Linear Regression: Simple and multiple regression
- Logistic Regression: Binary and multiclass classification
- Decision Trees: Tree-based classification and regression
- Tree Splitting: Gini index and entropy
- K-Means Clustering: Unsupervised learning
- Model Evaluation Metrics: Accuracy, precision, recall
- Confusion Matrix: Classification performance analysis
- Cross-Validation: Training and validation strategies
- Train-Test Split: Data partitioning for evaluation

MODULE 2: SQL SERVER FOR DATA ANALYTICS

SQL Server for Data Analytics – What You Will Learn

KEY LEARNING OUTCOMES

- Master SQL fundamentals, database design, and normalization concepts
- Design and create robust relational databases with proper data modeling
- Write efficient and optimized SQL queries for complex business problems
- Perform advanced data retrieval using subqueries, CTEs, and window functions
- Implement ranking, partitioning, and aggregate window functions
- Create and manage views, stored procedures, and user-defined functions
- Optimize database performance through indexing and query optimization
- Conduct comprehensive exploratory data analysis and advanced reporting
- Perform customer segmentation, RFM analysis, and sales analytics
- Build KPI dashboards, performance reports, and business intelligence solutions

SECTION 1: DATABASE FUNDAMENTALS

- Introduction to Databases, DBMS, RDBMS vs NoSQL
- MySQL Installation, Configuration & Environment Setup
- Data Types (INT, VARCHAR, DATE, FLOAT, DECIMAL, TEXT, BLOB, etc.)
- Primary Keys, Foreign Keys, Composite Keys & Candidate Keys
- Constraints: NOT NULL, UNIQUE, CHECK, DEFAULT, AUTO_INCREMENT
- CRUD Operations: (Create, Read, Update, Delete)
- SQL Languages: DDL, DML, DCL, TCL – Understanding Differences
- SELECT Command with WHERE clause & Filtering Techniques
- INSERT, UPDATE, DELETE Commands with Examples
- ORDER BY (ASC/DESC), GROUP BY, HAVING Clauses
- Logical, Comparison & Arithmetic Operators
- Aggregate Functions: SUM, AVG, COUNT, MAX, MIN with GROUP BY

SECTION 2: ADVANCED SQL TECHNIQUES

- JOINS: INNER, LEFT, RIGHT, FULL OUTER, CROSS joins with real examples
- Self Joins & Multiple Table Joins for Complex Queries
- Subqueries: Scalar, Row, Table Subqueries in SELECT, WHERE, FROM
- Correlated Subqueries & Nested Subqueries for Advanced Filtering
- Common Table Expressions (CTE) with WITH clause
- Recursive CTEs for Hierarchical Data Processing
- Database Normalization (1NF, 2NF, 3NF, BCNF, 4NF Concepts)
- De-Normalization Strategies for Performance Optimization
- Entity-Relationship (ER) Modeling & ER Diagram Creation
- Window Functions: ROW_NUMBER, RANK, DENSE_RANK, NTILE
- Aggregate Window Functions: SUM OVER, AVG OVER with PARTITION BY
- Views: Simple & Complex Views, Stored Procedures & User-Defined Functions

Master SQL Server for Advanced Data Analytics
Build a strong SQL foundation and master
advanced techniques!

SQL SERVER FOR DATA ANALYTICS

Part 2: Analytics & Applications

SECTION 3: SQL FOR DATA ANALYTICS

- KPI (Key Performance Indicator) Queries & Dashboard Metrics
- Revenue Analysis: Total Sales, Growth Rate, Trends, Forecasting
- Sales Performance Reports: Top Products, Sales by Region/Category
- Customer Segmentation: RFM (Recency, Frequency, Monetary) Analysis
- Cohort Analysis: Customer Lifetime, Retention Rates, Churn Analysis
- Customer Lifetime Value (CLV): Calculation & Segmentation
- Product Performance: Sales Volume, Margins, Inventory Levels
- Year-over-Year (YoY) Comparisons & Growth Analysis
- Month-over-Month (MoM) Trends & Seasonal Patterns
- Pivot Tables & Cross-tabulation for Data Summarization
- Time-Series Data Analysis: Moving Averages, Trends, Seasonality
- Anomaly Detection: Identifying Outliers in Data

SECTION 4: REAL-WORLD APPLICATIONS

- E-commerce Analytics: Order Analysis, Customer Behavior, Conversion Rates
- Financial & Banking Analytics: Transaction Analysis, Risk Assessment
- Supply Chain Optimization: Inventory Management, Supplier Performance
- HR Analytics: Employee Performance, Payroll, Retention Analysis
- Marketing Campaign Analysis: ROI, Customer Acquisition, Attribution
- Social Media Analytics: Engagement, Reach, Sentiment Analysis
- Integration with Python: pandas, SQLAlchemy, Database Connectivity
- Integration with Power BI & Tableau: Query Optimization for BI Tools
- Building Automated Reports & Dashboards with Scheduled Queries
- Database Security: User Permissions, Role Management, Encryption

Master SQL and Transform Data into Actionable Business Intelligence

Build a Career in Data Analytics with Industry-Ready SQL Skills

MODULE 3: ADVANCED EXCEL FOR ANALYTICS

Excel Basics & Formulas – Part 1

KEY LEARNING OUTCOMES

- Master Excel interface, formatting, and data entry techniques
- Perform complex calculations using advanced formulas and functions
- Create dynamic pivot tables for data summarization
- Build interactive dashboards and KPI reports
- Use what-if analysis for scenario planning
- Analyze data with conditional formatting and validation
- Create professional visualizations and interactive charts
- Integrate Excel with SQL and Power BI for end-to-end analytics
- Develop automated analytics solutions and business reports
- Master lookup functions and text/date manipulation

SECTION 1: EXCEL BASICS & INTERFACE

- Excel Workbook & Worksheet Navigation
- Ribbon Interface and Toolbar Customization
- Cell References: Absolute, Relative, Mixed References
- Number Formatting: Currency, Percentage, Date Formats
- Cell Formatting: Borders, Fill Colors, Font Styles
- Data Entry & Input Validation Rules
- AutoFill & Auto-extend Functionality
- Sorting Data: Single & Multi-level Sorts
- Filtering: AutoFilter & Standard Filter
- Search & Replace Functionality
- Freeze Panes & Split Window Options
- Named Ranges for Formula Management

SECTION 2: ESSENTIAL FUNCTIONS & FORMULAS

- Basic Math Functions: SUM, AVERAGE, MIN, MAX
- Conditional Functions: IF, IFS, NESTED IF Statements
- COUNTIF & SUMIF for Conditional Counting/Summing
- COUNTIFS & SUMIFS for Multiple Criteria
- AVERAGEIF & AVERAGEIFS Functions
- VLOOKUP: Vertical Lookup with Exact & Approximate Match
- HLOOKUP: Horizontal Lookup Techniques
- INDEX & MATCH Combination for Advanced Lookups
- XLOOKUP: Modern Lookup Function for Complex Scenarios
- IFERROR & IFNA for Error Handling
- CHOOSE Function for Multiple Value Selection
- INDIRECT Function for Dynamic References

Master Excel Fundamentals for Data Analytics!

Build a strong Excel foundation and grow your analytics skills!

Excel Dashboards & Analysis

Part 2

KEY LEARNING OUTCOMES (Advanced)

- Master text and date functions for data manipulation
- Clean messy data using Text to Columns & Flash Fill
- Create and customize pivot tables for complex analysis
- Build dynamic charts and KPI dashboards
- Implement data validation and conditional formatting
- Perform what-if analysis using Goal Seek & Solver
- Create scenario analysis models for decision making
- Design interactive reports with slicers and filters
- Build professional business intelligence dashboards
- Integrate Excel analytics with Python, SQL, and Power BI

SECTION 3: TEXT & DATE FUNCTIONS

- Text Functions: LEFT, RIGHT, MID for String Extraction
- LEN Function for String Length & TRIM for Cleanup
- UPPER, LOWER, PROPER for Text Case Conversion
- CONCAT & CONCATENATE for String Joining
- FIND & SEARCH for Substring Location
- SUBSTITUTE for Text Replacement
- TODAY Function for Current Date
- NOW Function for Current Date & Time
- DATE Function for Creating Specific Dates
- DATEDIF for Date Difference Calculations
- YEAR, MONTH, DAY Extraction Functions
- WEEKDAY & WEEKNUM for Date Analysis

SECTION 4: DATA CLEANING & PIVOT TABLES

- Remove Duplicates from Large Datasets
- Text to Columns: Delimiter-based Separation
- Flash Fill for Pattern Recognition & Auto-fill
- Conditional Formatting: Color Scales, Data Bars, Icons
- Creating Pivot Tables from Raw Data
- Pivot Table Grouping: By Date, Category, Range
- Calculated Fields & Calculated Items in Pivots
- Pivot Slicers for Dynamic Filtering
- Timeline Slicers for Date-based Filtering
- Pivot Charts for Visual Data Representation

SECTION 5: ADVANCED FEATURES & DASHBOARDS

- Data Validation Rules: List, Number Range, Custom Formulas
- What-If Analysis: Goal Seek for Single Cell Optimization
- Solver Add-in for Complex Optimization Problems
- Scenario Manager for Multiple Scenario Planning
- Dynamic Charts: Charts that Update with Data
- KPI Dashboards: Creating Business Intelligence Dashboards
- Interactive Reports with Slicers & Filters
- Sparklines: Mini Charts within Cells
- Chart Types: Line, Bar, Pie, Scatter, Combo Charts
- Excel Integration: SQL Queries, Power Query, Power BI Connection

Master Advanced Excel & Dashboard Development
Create powerful analytics dashboards and business intelligence reports!

What You Will Learn

KEY LEARNING OUTCOMES

- Master descriptive statistics and data summarization techniques
- Conduct hypothesis testing and inferential statistics analysis
- Apply probability concepts and distributions to real-world problems
- Perform correlation and regression analysis for predictive modeling
- Understand sampling techniques and statistical significance
- Apply Bayesian reasoning and conditional probability
- Analyze normal distributions and use Central Limit Theorem
- Build simple and multiple regression models
- Interpret statistical results and communicate findings
- Make data-driven decisions using statistical evidence

SECTION 1: DESCRIPTIVE STATISTICS

- Mean, Median, Mode: Calculating and interpreting central tendency
- Range: Understanding data spread
- Variance & Standard Deviation: Measuring data dispersion
- Coefficient of Variation: Comparing variability across datasets
- Percentiles & Quartiles: Analyzing distribution segments
- Skewness: Understanding distribution asymmetry
- Kurtosis: Analyzing tail behavior and distribution
- Summary Statistics: Creating statistical profiles
- Data Visualization: Histograms, box plots, density plots
- Outlier Detection: Identifying and handling anomalies
- Data Summarization: Aggregate statistics and reporting
- Distribution Shapes: Normal, skewed, bimodal distributions

SECTION 2: INFERENCE STATISTICS & HYPOTHESIS TESTING

- Sampling Techniques: Random, stratified, systematic, cluster sampling
- Population vs Sample: Understanding parameters and statistics
- Sampling Distribution: Behavior of sample statistics
- Standard Error: Measuring sampling uncertainty
- Confidence Intervals: Constructing confidence bounds
- Hypothesis Testing Framework: Null vs alternative hypotheses
- Type I & II Errors: Understanding statistical errors
- P-value: Interpretation and significance testing
- Z-test: Testing means with known population variance
- T-test: One-sample, two-sample, and paired comparisons
- Chi-Square Test: Testing categorical associations
- ANOVA: Analyzing variance across multiple groups

MODULE 5: POWER BI FOR BUSINESS INTELLIGENCE

Power BI for Business Intelligence – Part 1: Fundamentals & Data Modelling

KEY LEARNING OUTCOMES

- Master Power BI Desktop and Power BI Service platforms
- Connect to and import data from multiple sources
- Clean and transform data using Power Query effectively
- Design star schema and snowflake schema models
- Create relationships between tables for analysis
- Optimize data models for performance and clarity
- Build foundation for advanced BI solutions
- Understand Power BI architecture and components
- Implement best practices in data preparation
- Prepare data for advanced DAX and visualizations

SECTION 1: POWER BI INTRODUCTION & DATA SOURCES

- Power BI Desktop: Installation, interface, workspace
- Power BI Service: Cloud platform and collaboration
- Power BI Architecture: Desktop, Service, Mobile
- Data Sources: Excel, SQL, Azure, Cloud Services
- Importing Data: Various import methods and options
- Data Connectors: Native and custom sources
- Query Settings: Loading and refresh options
- Power BI Licensing: Pro, Premium, Per User
- Workspace Management: Organization and structure
- Gateway Configuration: On-premises connectivity

SECTION 2: POWER QUERY – DATA CLEANING

- Power Query Editor: Interface and functionality
- Data Cleaning: Removing duplicates and errors
- Data Type Conversion: Changing data types
- Text Functions: Extracting and splitting text
- Date Functions: Formatting and manipulation
- Conditional Columns: Creating new columns
- Merge Queries: Joining tables with join types
- Append Queries: Combining rows from tables
- Pivot & Unpivot: Reshaping data structures
- Replace Values: Finding and replacing data

Master Power BI Foundations and Data Preparation
Build a strong foundation for advanced BI solutions!

Power BI for Business Intelligence

Part 2: DAX, Visualizations & Advanced

KEY LEARNING OUTCOMES (Advanced)

- Master DAX (Data Analysis Expressions) language
- Write complex formulas and calculated columns
- Create advanced measures with time intelligence
- Design professional data visualizations
- Build interactive dashboards with drill-through
- Implement row-level security for data access
- Use AI visuals for predictive analytics
- Deploy and publish reports to Power BI Service
- Optimize performance and identify bottlenecks
- Implement collaboration and sharing strategies

SECTION 3: DATA MODELING – SCHEMAS & RELATIONSHIPS

- Star Schema Design: Fact tables with dimensions
- Snowflake Schema: Multi-level normalized hierarchies
- Fact Tables: Transactional and measure data
- Dimension Tables: Descriptive attributes
- Creating Relationships: One-to-many, many-to-many
- Primary & Foreign Keys: Data integrity
- Bridge Tables: Handling complex relationships
- Model Validation: Ensuring consistency
- Calendar Tables: Time dimension creation
- Role-Playing Dimensions: Multiple relationships

SECTION 4: DAX (DATA ANALYSIS EXPRESSIONS)

- DAX Syntax: Functions, operators, expressions
- Calculated Columns: Adding computed columns
- Measures: Creating aggregations and KPIs
- Context Functions: Row and filter context
- Aggregation Functions: SUM, AVERAGE, COUNT
- CALCULATE Function: Complex calculations
- SUMX & Similar Functions: Iterative calculations
- RELATED & RELATEDTABLE: Cross-table relationships
- Time Intelligence: YTD, MTD, QTD, YoY, MoM
- Advanced DAX: Complex nested formulas

SECTION 5: VISUALIZATIONS, DASHBOARDS & ADVANCED

- Chart Types: Bar, column, line, area, scatter
- KPI Cards: Key metric displays and gauges
- Table & Matrix Visuals: Detailed data representation
- Maps: Geographic visualization
- Treemaps & Waterfalls: Hierarchical and sequential
- Slicers: Single and multi-select filters
- Drill-Through: Navigation between pages
- Tooltips: Custom information on hover
- Row-Level Security: Data access control
- AI Visuals & Forecasting: Predictive analytics

SECTION 6: PUBLISHING, SHARING & COLLABORATION

- Publishing to Power BI Service: Desktop to cloud
- Report Scheduling: Automated refresh settings
- Alert Configuration: Data threshold notifications
- Sharing Reports: Permissions and access control
- Applications: Packaged content distribution
- Dashboards: Pinning visuals and metrics
- Collaboration: Comments and sharing notes
- Power BI Mobile: Mobile app deployment
- Email Subscriptions: Scheduled report delivery
- Performance Analyzer: Identifying bottlenecks

Module 6: Tableau

● Basic Module

- Introduction to Tableau
- Connections
- Visual Analytics
- Basic Charts
- Sorting
- Filtering
- Grouping
- Sets
- Built-in Functions (Number, String, Date, Logical and Aggregate)
- Operators and Syntax Conventions
- Table Calculations

GIT HUB

Integration with Microsoft Fabric

● Advance Module

- Types of Calculations
- Trend lines
- Reference lines
- Forecasting
- Advance Plots
- Dashboard

MINI PROJECTS

- ✓ Retail Sales Dashboard
- ✓ HR Analytics Dashboard
- ✓ SQL Customer Database Project
- ✓ Excel KPI Dashboard
- ✓ Python Sales Prediction Model

MAJOR PROJECTS

- End-to-End Retail Analytics
- Banking Loan Prediction Model
- Customer Churn Analysis
- E-commerce Business Dashboard

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Our Other Courses

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