Cloud Upskill
Learn, Upskill, Succeed!

CloudUpskill Presents

MICROSOFT POWER BI TRAINING

DURATION: 6 WEEKS

3500+
Learners

2000+
Placed

65%
Salary Hike

About The Program

Microsoft Power BI: Beginners to Advanced" course which allows learners to learn two state of the art BI courses from industry experts.

Power BI is easy to use for the most part but there are some fundamental things you must get right from the outset or you'll run into problems.

Enroll today to stand out in the job market in the BI domain and propel your career to the next level.

Who is this Program Ideal for?

Anyone interested in data analysis, business intelligence, or reporting can benefit from learning Microsoft Power BI. It's a versatile tool suitable for both technical and non-technical users, making it accessible to a wide range of individuals and professionals.

- IT Professionals
- Students in UG/PG programs
- Non IT People
- Database administrators

Why to take PowerBI?

Career Advancement:

In a variety of positions, such as reporting specialist, business intelligence analyst, and data analyst, Power BI abilities are highly regarded.

Higher Prospects for Earnings:

Power BI professionals often earn more than their non-certified counterparts, potentially leading to a salary increase. (Study Says)

Improved Capabilities:

Power BI courses provide hands-on training in data visualization, data modeling, and report creation, equipping individuals with the practical skills needed to succeed in the job market.

Professional Development:

Power BI courses contribute to professional development by providing individuals with the skills and knowledge to analyze data effectively and make data-driven decisions.

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Why upskill with us?

Structured, Industry vetted Curriculum

Live Classes with Expert Trainers

E-Learning & Recorded Classes

1:1 Mentorship & Mock Inteviews

Placement Assistance

Tab Learning Facility

Assessment Test

Course Curriculum

Introduction to Power BI

- Introduction to Business Intelligence
- Self-Service Business Intelligence (SSBI)
- Introduction to Power BI
- Traditional BI vs. Power BI
- Power BI vs. Tableau vs. QlikView
- Uses of Power BI
- The Flow of Work in Power BI
- Working with Power BI Basic
- Components of Power BI
- Comparison of Power BI Version
- Introduction to Building Blocks of Power BI
- Data model and importance of Data Modeling

Power BI

- Power BI Desktop
- Extracting Data From Various Sources
- Workspaces In Power BI

Power BI Data Transformation

- Data Transformation
- Query Editor
- Connecting Power BI Desktop To Our Data Sources

Course Curriculum

- Editing Rows
- Understanding Append Queries
- Editing Columns
- Replacing Values
- Formatting Data
- Pivoting And Unpivoting Columns
- Splitting Columns
- Creating A New Group For Our Queries
- Introducing The Star Schema
- Duplicating And Referencing Queries
- Creating The Dimension Tables
- Entering Data Manually
- Merging Queries
- Finishing The Dimension Table
- Introducing The Another Dimension Table
- Creating An Index Column
- Duplicating Columns And Extracting Information
- Creating Conditional Columns
- Creating The FACT Table
- Performing Basic Mathematical Operations
- Improving Performance And Loading Data Into The Data Model

Course Curriculum

Modelling with Power BI

- Introduction To Modelling
- Modelling Data
- Manage Data Relationship
- Optimize Data Models
- Cardinality And Cross Filtering
- Default Summarization & Sort By
- Creating Calculated Columns
- Creating Measures & Quick Measures

Data Analysis Expressions (DAX)

- What Is DAX?
- Data Types In DAX
- Calculation Types
- Syntax, Functions, Context Options
- DAX Functions
    - Date and Time
    - Time Intelligence
    - Information
    - Logical
    - Mathematical
    - Statistical
    - Text and Aggregate

Course Curriculum

- Measures In DAX

- Measures And Calculated Columns

- ROW Context And Filter Context In DAX

- Operators In DAX - Real-Time Usage

- Quick Measures In DAX - Auto Validations

- In-Memory Processing DAX Performance

Power BI Desktop Visualisations

- How To Use Visual In Power BI?

- What Are Custom Visuals?

- Creating Visualisations And Colour Formatting

- Setting Sort Order

- Scatter & Bubble Charts & Play Axis

- Tooltips And Slicers, Timeline Slicers & Sync Slicers

- Cross Filtering And Highlighting

- Visual, Page And Report Level

- Filters Drill Down/Up

- Hierarchies And Reference/Constant Lines

- Tables, Matrices & Conditional Formatting

- KPI's, Cards & Gauges

- Map Visualizations

- Custom Visuals

Course Curriculum

- Managing And Arranging
- Drill Through And Custom Report Themes
- Grouping And Binning And Selection Pane, Bookmarks & Buttons
- Data Binding And Power BI Report Server

Introduction to Power BI Dashboard & Data Insights

- Why Dashboard? And Dashboard Vs Reports
- Creating Dashboards
- Configuring A Dashboard Dashboard Tiles, Pinning Tiles
- Power BI Q&A
- Quick Insights In Power BI

Connectivity Modes

- Custom Data Gateways
- Exploring Live Connections To Data With Power BI
- Connecting Directly To SQL Server
- Connectivity With CSV & Text Files
- Excel With Power BI Connect Excel To Power BI, Power BI Publisher For Excel
- Content Packs
- Update Content Packs
- Connecting Directly to SQL Azure

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Course Curriculum

- Connecting Directly to SQL Server Analysis Services/My SQL
- Import Power View and Power Pivot
- Direct Query vs. Import Connectivity Modes
- Connecting Power BI in Excel

Publishing and Sharing

- Introduction And Sharing Options Overview
- Publish From Power BI Desktop And Publish To Web
- Share Dashboard With Power BI Service
- Workspaces (Power BI Pro) And Content Packs (Power BI Pro)
- Print Or Save As PDF And Row Level Security (Power BI Pro)
- Export Data From A Visualization
- Export To PowerPoint And Sharing Options Summary

Refreshing Datasets

- Understanding Data Refresh
- Personal Gateway (Power BI Pro And 64-Bit Windows)
- Replacing A Dataset And Troubleshooting Refreshing

Power BI Report Server

- What is Power BI Report Server?
- Key Features of Report Server

Course Curriculum

- The architecture of the Report Server
- Limitations of Report Server
- Power BI Report Server vs. Power BI Service
- Acquiring and Installing Power BI Report Server
- What is a Web Portal?
- Paginated Reports
- Row Level Security

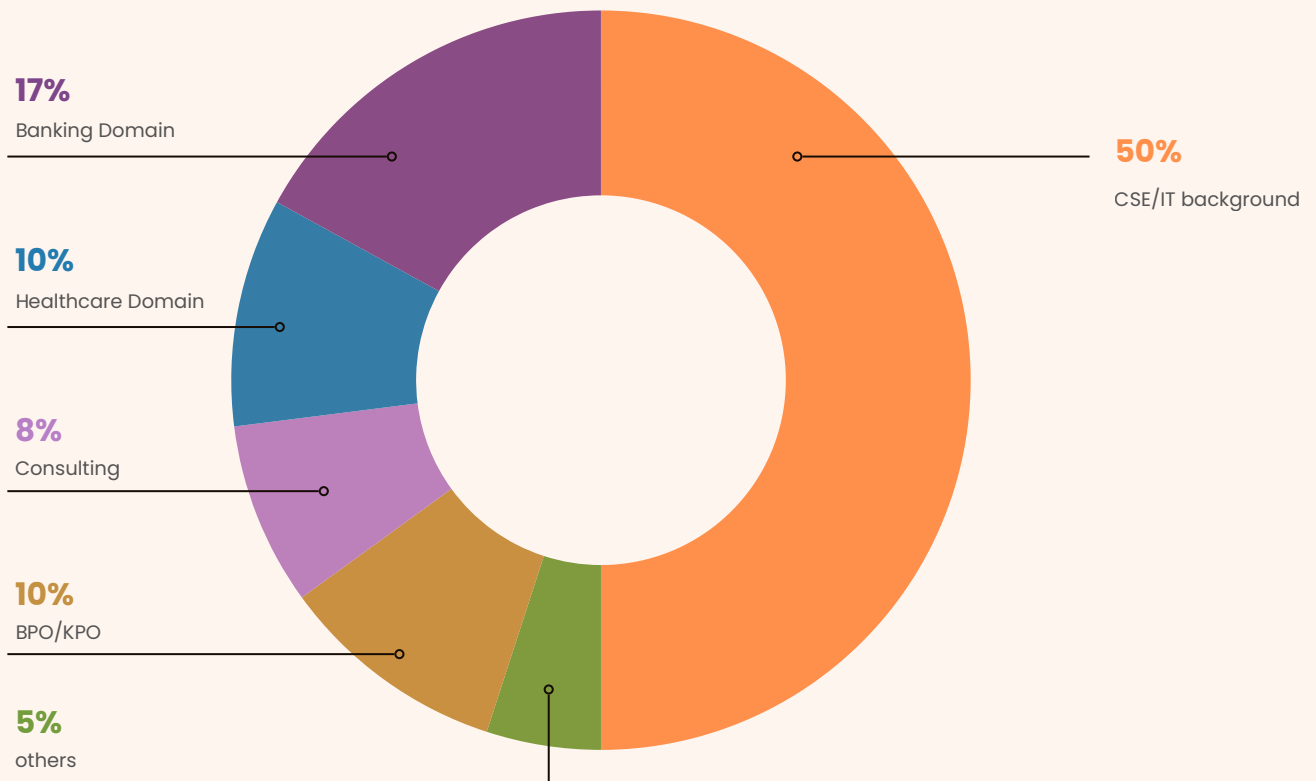## Integrating R & Python in Power BI

- Brief concepts about R
- R Programming Concepts
- Create R Scripts for BI
- Python Programming
- Python Scripts in BI
- Python integration with Power BI

Integrating R & Python in Power BI

- Use Parameters
- Create a data flow
- Introduction to Anomaly Detection
- Introduction to Smart Narrative
- Introduction to Sensitivity labels in Power BI
- Deployment Pipeline

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Industries our learners come from

17%
Banking Domain

10%
Healthcare Domain

8%
Consulting

10%
BPO/KPO

5%
others

50%
CSE/IT background

Companies Hiring for Power BI

Source: Glassdoor

Tiger Analytics

CELEBAL TECHNOLOGIES

BOSCH

brillio

NOKIA

slb

logitech

CISCO

IDFC FIRST Bank

Shell

randstad

servicenow

fractal
INTELLIGENCE FOR IMAGINATION

Honeywell

Jio

Persistent

infor

epam

About us

Cloud Upskill courses are designed to enhance your skills which helps to advance your career.

Our courses are taught by experts and include round the clock support. Our exceptional career services assist students launch their careers in their ideal positions, and these courses help students become more employable.

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