Power Bi

Visualize your success with Power Bi

Curriculum Brochure

Power Bi
Training Program

Power BI is a business analytics service by Microsoft that enables individuals and organizations to analyze data and share insights in real-time. Power BI has gained immense popularity in recent years due to its ease of use, cost-effectiveness, and ability to work with a variety of data sources. This has created a significant demand for skilled professionals who can effectively use Power BI to analyze and visualize data.

There is a significant career scope in Power BI due to its growing popularity among businesses of all sizes. As organizations increasingly rely on data-driven decision-making, the demand for Power BI professionals is expected to continue growing in the coming years. Some of the most popular job roles for Power BI professionals include Data Analysts, Business Analysts, Data Scientists, and BI Developers.

Power BI professionals are responsible for designing and implementing data models, creating visualizations, and sharing insights with stakeholders. They work with a variety of data sources, including Excel spreadsheets, databases, and cloud-based data platforms. Power BI professionals also need to have a good understanding of data warehousing, data transformation, and data visualization techniques.

Learning Power BI is important for anyone looking to work in the field of data analytics. Power BI is also easy to learn and use, making it an accessible tool for people with varying levels of technical expertise.

Power BI is a popular tool used by businesses of all sizes, and having skills in Power BI can significantly improve your career prospects.

Power BI is a versatile tool that can be used in various industries, including finance, healthcare, retail, and manufacturing. It can be used to analyze and visualize data on sales trends, customer behavior, inventory levels, and much more. Power BI can also be integrated with other Microsoft tools such as Excel, SharePoint, and Teams, making it a valuable tool for organizations that use Microsoft products.

In conclusion, learning Power BI is crucial for anyone looking to work in the field of data analytics. Power BI is a popular and versatile tool used by businesses of all sizes, and there is a significant career scope in Power BI. By learning Power BI, you can significantly improve your career prospects and gain valuable skills that are in high demand.

Power Bi
Training Program

This program is designed to train students with the skills and experience to help businesses and managers to make data-driven decisions by providing insights into their data and analyzing reports using Power Bi.

Practical Based Sessions
Training program available in four months & six months duration

Dummy Projects
To build your hands-on expertise & portfolio

Resume Building Assistance
To create an attractive resume for your candidature

Interview Preparation
So you can present your skills in a better way

Mentoring & Job Assistance
To help you in getting good career or placements

Who can join

Any graduate student can join the Power Bi training program. The student must have basic computer knowledge and have interest in business intelligence, consultation and mentoring.

Working professionals or job seekers, who are looking to learn about business intelligence, consultation and mentoring can join the Power Bi training program.

Training Mode

Online Live Classes are available

- 4x more effective way of learning
- Hands-on experience with projects & assignments
- Virtual class with real interaction with trainer
- Monitoring support & troubleshooting issues
- Masterclass from industry experts & leaders
- Live class recordings for revision purpose

Power Bi
Training in Agra

Learn2Earn Labs

F-4, First Floor, Anna Ikon Complex, In Front of Deviram Food Circle, Sikandra-Bodla Road, Sikandra, Agra, Uttar Pradesh – 282007

Call : +91-9548868337

Training Modules

Objectives :

The training objective of this Power BI training program is to equip individuals with the knowledge and skills necessary to effectively analyze and visualize data using Power BI. The training will cover topics such as data modeling, data transformation, and data visualization techniques along with the various features of Power BI, including creating and sharing dashboards, working with different data sources, and collaborating with other team members. The main objective is to enable individuals to use Power BI to extract insights from data, make data-driven decisions, and communicate those insights effectively to stakeholders.

Course 1 : Introduction

A Brief History of Power BI, Data Visualization, Reporting, Business Intelligence (BI), Traditional BI, Self-Serviced BI, Cloud Based BI, On Premise BI, Power BI Products, Power BI Desktop (Power Query, Power Pivot, Power View), Flow of Work in Power BI Desktop, Power BI Report Server, Power BI Service, Power BI Mobile Flow, Work in Power BI / Power BI Architecture.

Module 2 : Power Query

Data Transformation, Benefits of Data Transformation, Shape or Transform Data using Power Query, Overview of Power Query / Query Editor, Query Editor User Interface The Ribbon (Home, Transform, Add Column, View Tabs), The Queries Pane, The Data View / Results Pane, The Query Settings Pane, Formula Bar, Saving the Work, Datatypes, Changing the Datatype of a Column Filter in Power Query, Auto Filter / Basic Filtering Filter a Column using Text Filters, Filter a Column using Number Filters, Filter a Column using Date Filters, Filter Multiple Columns, Remove Columns / Remove Other Columns Name / Rename a Column, Reorder Columns or Sort Columns, Add Column / Custom Column Split, Columns, Merge Columns, PIVOT, UNPIVOT Columns, Transpose Columns, Header Row or Use First Row as Headers, Keep Top Rows, Keep Bottom Rows, Range of Rows, Keep Duplicates, Keep Errors, Remove Top Rows, Remove Bottom Rows, Remove Alternative Rows, Remove Duplicates, Remove Blank Rows, Remove Errors, Group Rows / Group By.

Module 3 : M Language

IF ELSE Conditions, Transform Column Types, Remove Columns, Split Columns, Replace Value, Distinct Options and GROUP BY Options Table, Group, Sort with Type Conversions PIVOT, Operation and Table. Pivot List Functions Using Parameters with M Language.

Module 4 : Data Modeling

Data Modeling Introduction, Relationship, Need of Relationship, Relationship Types/

Cardinality in General, One-to-One, One-to-many (or Many-to-One), Many-to-Many, Auto Detect the relationship, create a new relationship, edit existing relationships, Make Relationship Active or Inactive, Delete a relationship.

Module 5 : Data Analysis Expression (DAX)

What is DAX, Calculated Column, Measures, DAX Table and Column Name Syntax, Creating Calculated Columns, Creating Measures Calculated, Columns Vs Measures DAX Syntax & Operators, DAX Operators, Types of Operators, Arithmetic Operators, Comparison Operators, Text Concatenation Operator, Logical Operators.

Module 6 : DAX Function Types

Date and Time Functions, Text Functions, Logical Functions, Math & Statistical Functions, Filter Functions.

Module 7 : Time Intelligence, Date and Time Functions

YEAR, MONTH, DAY, WEEKDAY, WEEKNUM, FORMAT (Text Function) a Month Name, Weekday Name, DATE, TODAY, NOW, HOUR, MINUTE, SECOND, TIME, DATEDIFF, CALENDAR, Creating Date Dimension Table.

Module 8 : Text Functions

LEN, CONCATENATE (&), LEFT, RIGHT, MID UPPER, LOWER, TRIM, SUBSTITUTE, BLANK

Module 9 : Logical Functions

IF, TRUE, FALSE NOT, OR, IN, AND IFERROR SWITCH

Module 10 : Math and Statistical Functions

INT, ROUND, ROUNDUP, ROUNDDOWN, DIVIDE, EVEN, ODD, POWER, SIGN, SQRT, FACT, SUM, SUMX, MIN, MINX, MAX, MAXX, COUNT, COUNTX, AVERAGE, AVERAGEX COUNTROWS, COUNTBLANK

Module 11 : Filter Functions

CALCULATED, ALL, RELATED, Report view.

Module 12 : Report View User Interface

Fields Pane, Visualizations pane, Ribbon, Views, Pages Tab, Canvas Visual, Interactions, Interaction Type (Filter, Highlight, None), Visual Interactions Default Behavior, Changing the Interaction.

Module 13 : Grouping and Binning Introduction

Using grouping, Creating Groups on Text Columns, Using binning, Creating Bins on Number Column and Date Columns, Sorting Data in Visuals, Changing the Sort Column, Changing the Sort Order, Sort using column that is not used in the Visualization, Sort using the Sort by Column button, Hierarchy Introduction, Default Date Hierarchy, Creating Hierarchy, Creating Custom Date Hierarchy, Change Hierarchy Levels, Drill-Up and Drill-Down Reports, Data Actions, Drill Down, Drill Up, Show Next Level.

Module 14 : Visualizations

Visualizing Data, Why Visualizations, Visualization types, Create and Format Bar and Column Charts, Create and Format Stacked Bar Chart Stacked Column Chart Create and Format Clustered Bar Chart, Clustered Column Chart, Create and Format 100% Stacked Bar Chart, 100% Stacked Column Chart Create and, Format Pie and Donut Charts, Create and Format Scatter Charts, Create and Format Table Visual, Matrix Visualization, Line and Area Charts, Create and Format Line Chart, Area Chart, Stacked Area Chart, Combo Charts, Create and Format Line and Stacked Column Chart, Line and Clustered Column Chart, Create and Format Ribbon Chart, Waterfall Chart, Funnel Chart.

Module 15 : Power BI Service

Power BI Service Introduction, Power BI Cloud Architecture, Creating Power BI Service Account, SIGN IN to Power BI Service Account, Publishing Reports to the Power BI service, Import / Getting the Report to PBI Service My, Workspace / App Workspaces Tabs, DATASETS, WORKBOOKS, REPORTS, DASHBOARDS, Working with Datasets, Creating Reports in Cloud using Published Datasets.

Module 16 : Creating Dashboards

Pin Visuals and Pin LIVE Report Pages to Dashboard, Advantages of Dashboards, Interacting with Dashboards, Formatting Dashboard, Sharing Dashboard.
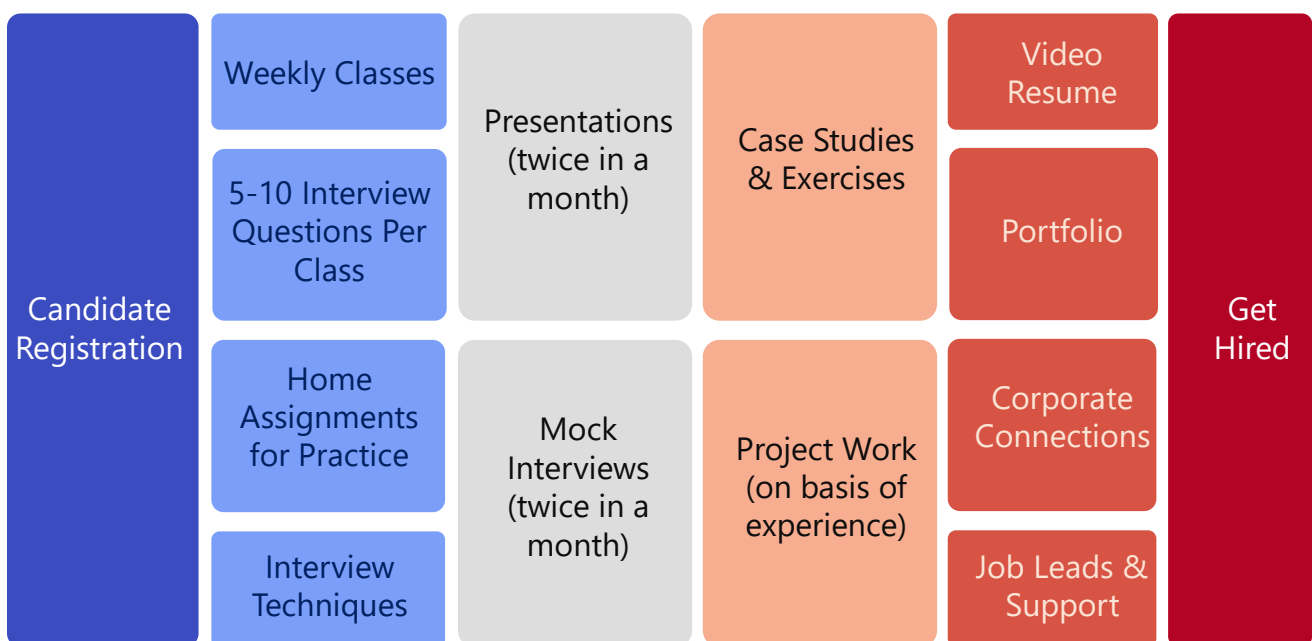
Minor Projects

Below are the tentative details about the projects on which you can work under the guidance of respective faculty member.

• Marketing campaign analysis: Analyze the effectiveness of a recent marketing campaign by creating a dashboard that displays metrics such as click-through rates, conversion rates, and cost per conversion. Use visualizations such as heatmaps and scatterplots to identify patterns and trends in the data.

• Website analytics: Analyze the performance of a company's website by creating a dashboard that displays metrics such as page views, bounce rate, and average time on page. Use visualizations such as line charts and scatterplots to identify patterns and trends in the data.

We follow a dynamic & vibrant
Job Assistance Execution Path

In present scenario providing job surety is easy, only we need to focus on outcome based learning and practical work enhancement. We know that every candidate is enough capable to understand the concepts and implement those concepts for improving his/her practical knowledge and experience.

Hence we are following a dynamic & vibrant Job Assistance Execution Path while conducting our job guarantee training programs and job assistance training programs. We are proud to say that we prepare candidates who can perform better throughout their professional journey and will always remains unbeatable.

Candidate Registration	Weekly Classes	Presentations (twice in a month)	Case Studies & Exercises	Video Resume	Get Hired
	5-10 Interview Questions Per Class			Portfolio	
	Home Assignments for Practice	Mock Interviews (twice in a month)	Project Work (on basis of experience)	Corporate Connections	
	Interview Techniques			Job Leads & Support	

We also offers
Variety of Job Oriented Training Programs

Java Full Stack
Duration : 4 months | 6 Months

Full Stack Web Development
Duration : 4 months | 6 Months

8 LPA+ Job Guarantee
Full Stack Software Engineer
Duration : 1 Year | 600 Hours

Cloud Computing & DevOps
Duration : 4 months | 6 Months

Digital Marketing
Duration : 4 months | 6 Months

Data Science & ML
Duration : 4 months | 6 Months

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