



MICROSOFT POWER BI

Master Power BI to build interactive dashboards and reports.



Diverse Tech Topics

- SQL Fundamentals & Querying
- Data Loading & Transformation
- Data Modeling & Relationships
- DAX & Advanced Calculations
- Interactive Visualizations
- Integration of SQL & Power BI
- Publishing & Collaboration

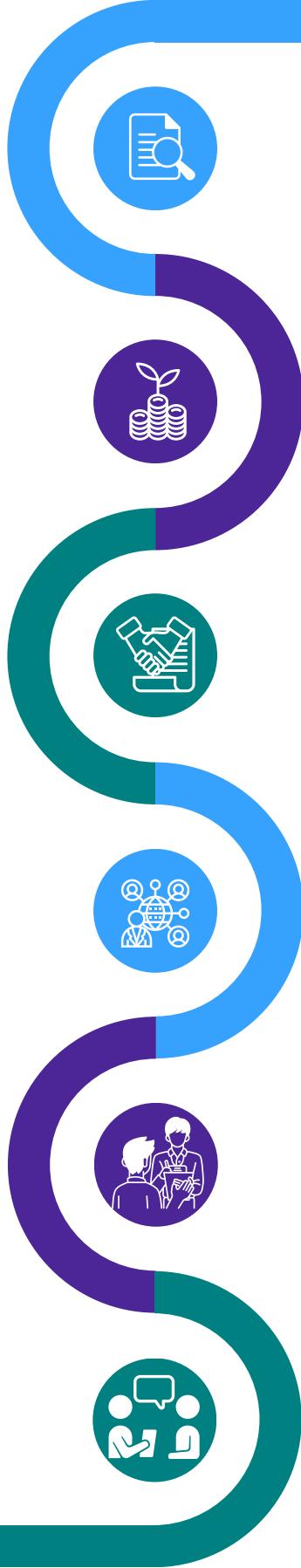
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PROGRAM HIGHLIGHTS



Comprehensive Curriculum

Covers SQL, data modeling, Power BI dashboards, DAX, and reporting for analysis.

01

Learning Notes for Each Session

Session-wise learning notes provide structured summaries of key concepts, tools, and techniques for efficient review and retention.

02

Advanced Concepts & Tools with Collaborative Environment

Gain expertise in advanced concepts via interactive, collaborative, and practical learning sessions

03

Hands-On Projects with Expert Instructors

Real-time projects with in-depth training on SQL, Power BI, DAX, modeling, and reporting using customized datasets.

04

Mock Interviews & Resume Preparation

We take mock interviews and provide you feedback which helps you how to prepare for real Interviews also we help you in resume preparation based on your skills and experience.

05

1:1 Meeting with our experts

You can have 1:1 meeting to discuss your career path and guidance on how to prepare your resume and job placements.

06

Microsoft Power BI

POWER BI ESSENTIALS & ENVIRONMENT SETUP

What is Power BI - Overview of Desktop, Service, Mobile

Installing Power BI Desktop & Initial Setup

Understanding Power BI Components (Desktop, Service, Gateway)

Power BI Licensing: Free, Pro, Premium, PPU

DATA LOADING AND TRANSFORMATION (POWER QUERY / M LANGUAGE)

Connecting to Data Sources (Flat Files, RDBMS Databases, Semantic Models)

Introduction to Power Query Editor

Data Shaping & Cleaning (Remove, Filter, Replace, Split)

Merge vs Append Queries

Data Types and Formatting

Understanding Query Folding

Introduction to M Language (Functions & Custom Columns)

DATA MODELLING & RELATIONSHIPS

Star vs Snowflake Schema

Creating and Managing Relationships

Fact Tables vs Dimension Tables

Best Practices for Model Design (Normalization/Denormalization)

Using Date Tables and Auto Date/Time

VISUALIZATIONS AND REPORT DESIGN

- Default & Common Visuals
- Slicers, Filters, Drill-downs
- Conditional Formatting & Interactions
- Bookmarks, Selections & Navigation
- Drillthrough Pages & Tooltip Pages
- Using Custom Visuals from AppSource
- Best Practices for Visual & UX Design

DAX (DATA ANALYSIS EXPRESSIONS)

- Calculated Columns vs Measures
- Aggregation & Math Functions
- Logical Functions
- Date & Time Intelligence Functions
- Text or String Functions
- Filter & Row Context
- Advanced DAX Functions
- DAX Performance Tuning

PUBLISHING, SHARING & COLLABORATION

- Publishing Reports to Power BI Service
- Workspaces, Apps & Access Control
- Scheduled & Incremental Data Refresh
- Row-Level Security (RLS) & Object-Level Security (OLS)
- Report Sharing, Subscriptions, Alerts
- Gateway Installation & Management

ADVANCED ANALYTICS & INTEGRATION

- Dataflows and Reusable ETL in Service**
- Deployment Pipelines**
- Self - Service BI Implementation**
- Power Automate flows creation for datasets refresh**
- Intake & Survey Power Apps Forms creation**

SQL (Structured Query Language)

SQL (STRUCTURED QUERY LANGUAGE)

- Table Creation, Insert, Update, Delete data, Select**
- Clause Operations (Where, Group by, Having, Order by)**
- Operators (IN, LIKE, ISNULL, Union)**
- Joins**
- Sub Queries (Inner Query & Outer Query), CTE**
- Data Modeling using SQL**
- Views Creation**
- Analytical Functions (Rank, Dense_Rank, Partition by)**

BUILD PROJECTS TO SHOWCASE YOUR SKILLS

CAPSTONE PROJECTS

E-commerce Sales Analysis

01

Conduct an in-depth analysis of customer behavior, purchasing preferences, seasonal order patterns, and overall sales performance for an online store, enabling actionable insights to optimize marketing strategies, improve customer retention, and enhance business growth opportunities.



Human Resources Dashboard



02

Monitor employee performance metrics, analyze attrition patterns, study workforce demographics, and provide actionable insights to improve retention strategies, optimize workforce planning, strengthen HR processes, and support effective organizational decision-making.

Finance Dashboard

03

Design and develop a detailed Profit and Loss statement with monthly and yearly comparisons, enabling businesses to track financial performance, identify growth opportunities, monitor expenses, and support data-driven strategic financial decision-making effectively.



360° Business Intelligence Dashboard



04

Build a comprehensive end-to-end Business Intelligence solution for a fictional company, integrating multiple data sources, designing dashboards, generating actionable insights, and enabling effective decision-making through real-time analytics and interactive visualizations.

Insurance Insights Dashboard

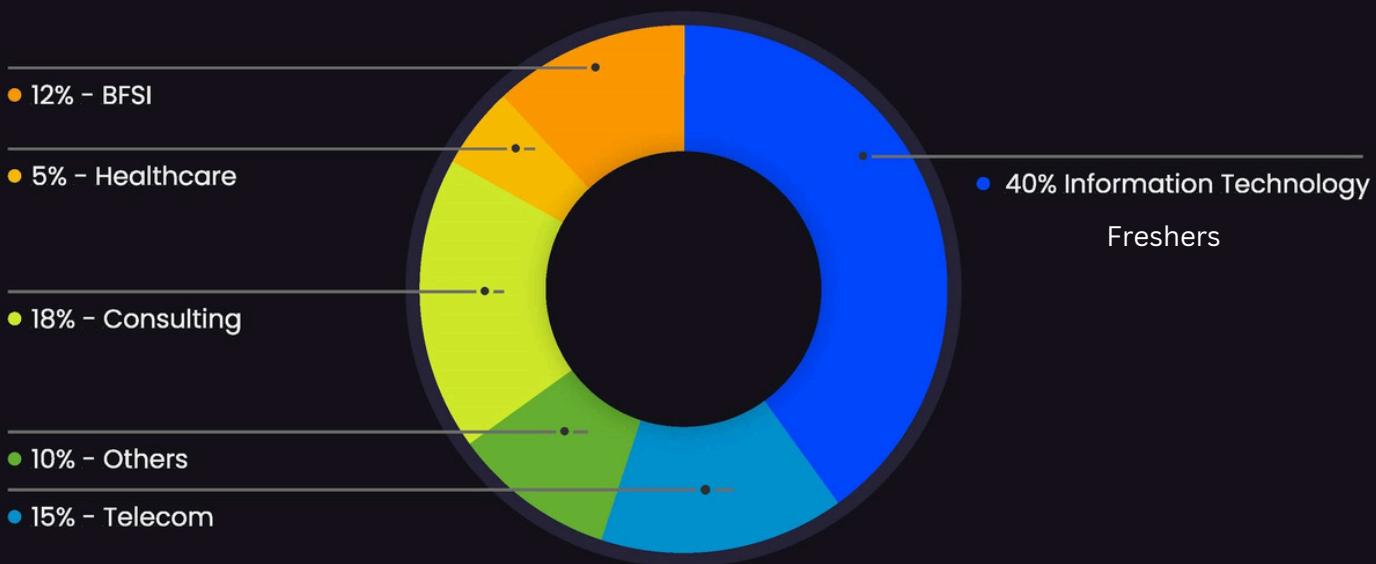
05

Analyze and visualize key insurance metrics including claims, premiums, policyholder trends, and risk factors to deliver actionable insights, support regulatory compliance, improve operational efficiency, and enable data-driven decision-making across the insurance business lifecycle.

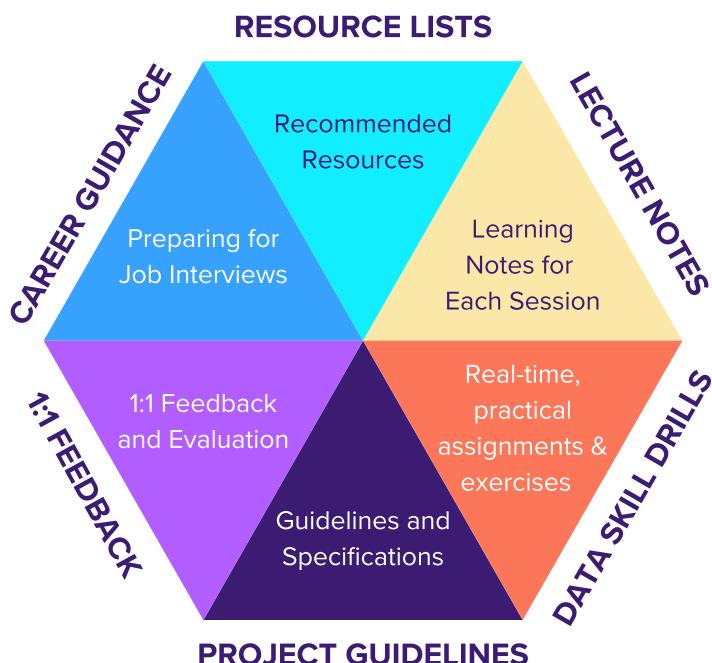


Meet the **Batch**

Industries Our Learners Come From



WHAT YOU ACHIEVE



TARGET GOALS

- 1 Resource Lists
- 2 Lecture Notes
- 3 Hands-on Exercises
- 4 Project Guidelines
- 5 1:1 Feedback
- 6 Career Guidance

We are pioneers in providing trainings by certified Instructors who are highly qualified with decades of experience in the subject matter. Flair Technologies was expertise in providing quality Industry Oriented Training with Interview Preparation and Placement Assistance.

GOALS ACHIVED

1

Expertise in Power BI

2

Ready for Interview

3

Placement in MNC

FLAIR TECHNOLOGIES

FLALR TECHNOLOGIES was founded in 2014 With the mission to provide high quality software Trainings. Despite facing challenges due to full-time commitments, our enthusiasm for teaching never waned.

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Call Us Now

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