



# Power BI



Saturday

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**1403 اردیبهشت 29**



Time

**9 pm, Iran**



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In 8 weeks, we'll be providing you with prerecorded videos each week, and our live classes will be held every Saturday.



# *Data Analysis Using Power BI Syllables*

## **Introduction to Power BI**

- Overview of Power BI and its capabilities
- Importance of data analysis in HR and retention strategy

## **Getting Started with Power BI Desktop**

- Introduction to Power BI Desktop interface
- Installation and setup process
- Connecting to data sources

## **Data Preparation and Cleaning**

- Utilizing Power Query for data cleaning and transformation
- Handling missing or inconsistent data
- Data profiling and exploration techniques

## **Data Modeling and DAX Basics**

- Understanding data relationships
- Creating a date table for time intelligence
- Introduction to DAX for calculations and measures

## **Visualization and Analysis Techniques**

- Introduction to visualization types in Power BI
- Design principles for effective data visualization
- Analyzing survey data and employee profiles

## **Creating Dashboards and Reports**

- Designing interactive dashboards for HR data analysis
- Customizing visuals and layouts
- Sharing dashboards via web link for collaboration



# *Data Analysis Using Power BI Case Study*

## **Title: HR Data Analysis and Retention Strategy**

- **Introduction**

- Our client, has identified a persistent challenge of experiencing a high annual employee attrition rate. The Human Resources department seeks to understand the underlying factors contributing to this issue and is tasking our team with analyzing survey data and employee profiles to assess the situation. Additionally, this client is interested in identifying the characteristics of employees who are more likely to stay with the company.

- **Project Overview**

- **Objective:**
  - Understand and mitigate the high attrition rate through data analysis.
  - Develop a targeted retention strategy.
- **Focus:**
  - Analyze survey data and employee profiles to identify key factors influencing attrition.

- **Expected Outcomes**

- **Attrition Rate Analysis**
- **Strategic Retention Insights**
- **Actionable Dashboard**