**PROJECT TITLE: HR ANALYTICS DASHBOARD**

**OBJECTIVE:**

The objective of this project is to design and develop a professional and interactive **HR Analytics Dashboard** using **Power BI**. The dashboard provides a comprehensive view of key HR metrics, helping stakeholders quickly understand workforce trends, employee distribution, attrition rates, diversity ratios, and department-wise analysis. This project focuses on presenting critical HR insights in a visually appealing and user-friendly manner to aid in data-driven decision-making.

**TOOLS AND TECHNOLOGIES USED:**

* Microsoft Power BI
* Data Cleaning and Transformation (Power Query Editor)
* DAX (Data Analysis Expressions)
* Interactive Visualizations and Slicers

**KEY FEATURES AND ACTIVITIES PERFORMED:**

* Cleaned and transformed raw HR data using Power Query for analysis-ready datasets.
* Created KPIs such as:
* **Total Employees**
* **Attrition Rate**
* **Average Age**
* **Average Service Years**
* Designed interactive visuals including:
* **Department-wise employee distribution (Bar Chart)**
* **Gender diversity analysis (Donut Chart)**
* **Attrition trends over time (Line Chart)**
* **Age group distribution (Stacked Column Chart)**
* **Job role and education field breakdowns**
* Used **slicers** for dynamic filtering based on Department, Gender.
* Implemented professional design elements such as background themes, consistent color schemes, and clean alignment for better readability.
* Applied DAX formulas for calculating attrition rates and other custom metrics.
* Focused on creating a **dashboard layout** that ensures clarity, easy navigation, and immediate understanding of HR performance indicators.

**OUTCOME:**

Successfully developed a visually appealing and interactive HR Analytics Dashboard that delivers meaningful insights into employee trends and organizational workforce analysis. The project demonstrates skills in data cleaning, transformation, visualization, KPI creation, and dashboard storytelling in **Power BI**.