



Project Summary – Employee Attrition Dashboard

Title:

Employee Attrition Analysis Using Excel

Dataset Source:

Kaggle – IBM HR Analytics

Objective:

Analyze employee attrition trends by department, job role, age, income, and work-life balance using Excel tools.

Approach:

- Defined key business questions with the help of ChatGPT
- Used Excel Pivot Tables, Charts, and Slicers for data exploration
- Designed an interactive dashboard with KPIs and filters

Excel Features Used:

- Pivot Tables & Charts
- Slicers
- KPI Cards (manual setup)
- Conditional Formatting

Key Insights:

- Attrition Rate: **16.12%**
- Highest attrition: **Sales Department (20.63%)**
- Leavers are ~4 years younger than those who stayed
- Work-Life Balance mostly rated 3 or 4
- Monthly Income and tenure vary by Job Role

Output:

- HR_Attrition_Dashboard.xlsx
- Pivot-driven dashboard with interactivity
- Ready for portfolio, interviews, or sharing