

Project: HR Reporting System

Objective:

This project aims to create a HR Reporting System using two most common visualization Tools, Microsoft Excel & Google Looker Studio to visualize and analyze employee-related data.

Tasks to complete:

Answer the below questions by designing two functional dashboard using both **MS Excel** & **Google Looker Studio** respectively.

1. Count the total employees in each department (e.g., Sales, R&D, HR)
2. Count how much male and female employees are in the organization
3. Percentage of employees who left (attrition) for each gender
4. Average monthly income of employees in each department
5. Age distribution of employees using a histogram or bar chart
6. Average job satisfaction score in each department
7. Distribution of employees based on their travel frequency (e.g., Frequent, Rare, Non-travel)
8. Count of employees in each education field (e.g., Life Sciences, Medical, Marketing)
9. Average work-life balance rating across the organization
10. Count of employees who work overtime vs. those who do not
11. Attrition rates for different age groups (e.g., 18-25, 26-35), showing which age groups have higher turnover
12. Comparison of average monthly income across different job levels
13. Relationship between job satisfaction and performance rating to see if happier employees perform better
14. Average tenure of employees in each department, showing which departments have longer-tenured staff
15. Comparison of the average number of training sessions attended last year by employees who left vs. those who stayed