

Data Analysis Report:

About Project:

Acme Corporation, a leading tech company, is facing a significant challenge with employee turnover. The HR department is concerned about the increasing rate of attrition, as it negatively impacts team dynamics, project continuity, and overall company morale. To address this issue, Acme Corporation wants to leverage data analytics and machine learning to understand the factors influencing employee turnover and predict which employees are likely to leave soon.

Dashboard created:

For viewing the employee attrition in different categories.

Major tools used:

Microsoft Excel

Power BI

Microsoft PowerPoint

Skills gained:

1. Data extraction and cleaning (ETL)
2. Data visualization and validation
3. Microsoft excel functions

KPI's

Total employees

Attrition by distance to work

Attrition by employee's satisfaction

Attrition by department

Attrition by ratio

Attrition by job satisfaction and performance rating

Attrition by working year

Outliers for job involvement and age