# Employee Data Analysis using Excel

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# PROJECT TITLE

## Employee Data Set Analysis using Excel

# AGENDA

1.Problem Statement
2.Project Overview 3.End Users
4.Our Solution and Proposition 5.Dataset Description 6.Modelling Approach 7.Results and Discussion 8.Conclusion

# PROBLEM STATEMENT

To analyze the employee data set to identify key trends, patterns, and areas for improvement within the organization. This will help in making data-driven decisions related to workforce management, employee performance, and overall organizational efficiency.

# PROJECT OVERVIEW

This overview provides a structured approach to the project, detailing the objectives, methodology, and expected outcomes. Adjust the details based on your specific project requirements and available data.

# WHO ARE THE END USERS?

- HR Managers: To develop targeted employee engagement initiatives and improve HR policies.
- Senior Management: To guide strategic decisions and evaluate overall organizational performance.
- Line Managers: To improve team performance and manage day- to-day operational challenges

# OUR SOLUTION AND ITS VALUE PROPOSITION

**1.Conditional Formatting:**

To highlights the missing value of the data.

**2.Filter:**

To remove the missing value of the data.

**3.Formula:**

To find the employees performance level in the data.

**4.Pivot Table:**

To summary the employees data.

**5.Graph:**

To visualization of the employees data in the organisation.

# Dataset Description

- **Name**: Full name of the employee
- **Department**: The department where the employee works
- **Age:** The age of the employee.
- **Gender:** The gender of the employee (e.g., Male, Female, Non-Binary)
- **Salary/Compensation:** The employee’s base salary or total compensation package.
- **Empolyee Status:** Employment status (e.g., Full-Time, Part-Time, Contract)

# THE "WOW" IN OUR SOLUTION

**Performance level:**=SUMIF(D2:D100, "Training", E2:E100)

# MODELLING

Identify what you want to achieve with your modeling. Common objectives might include:

- Predicting employee turnover.
- Analyzing the impact of training on performance.
- Assessing factors influencing compensation.

**Data Cleaning:**

**1.Conditional Formatting:**

To highlights the missing value of the data.

**2.Filter:**

To remove the missing value of the data.

**Performance level:**

=SUMIF(D2:D100, "Training", E2:E100)

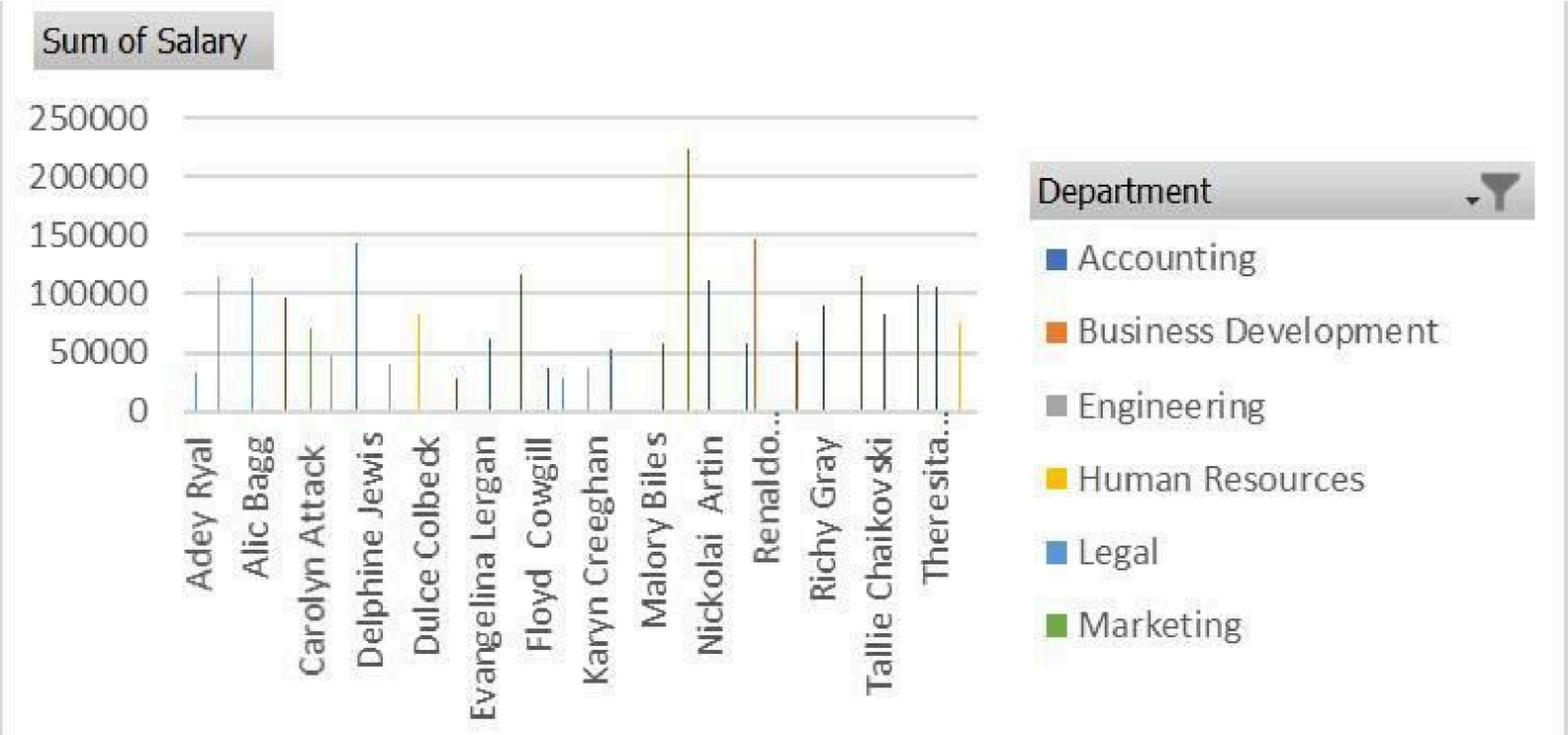
**Summary: 1.Pivot Table:**

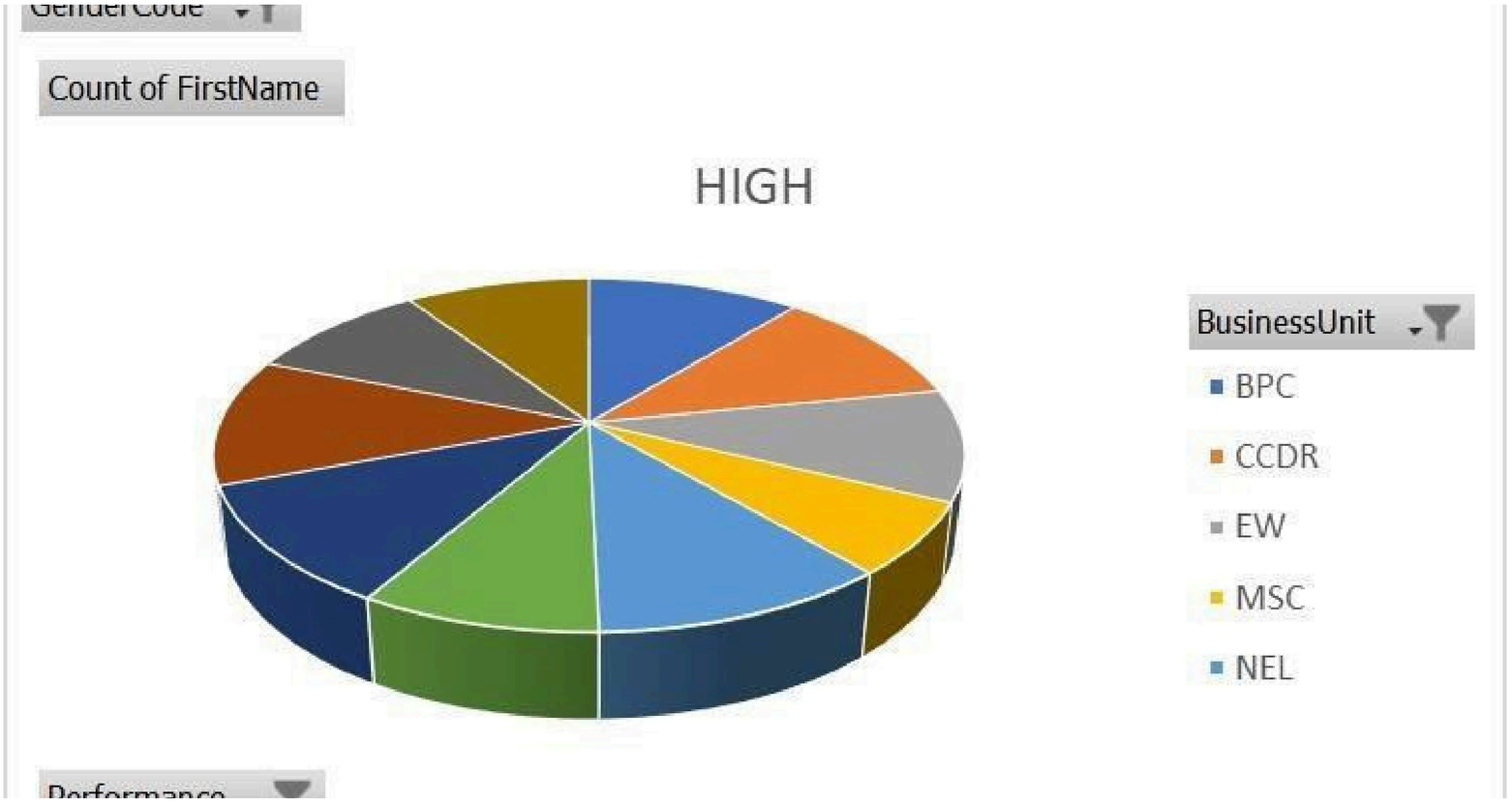
To summary the employees data.

**2.Graph:**

To visualization of the employees data in the organisation.

# RESULTS


Sum of Salary
250000
200000
150000
100000
50000
0
Adey Ryal
Alic Bagg
Carolyn Attack
Delphine Jewis
Dulce Colbeck
Evangelina Lergan
Floyd Cowgill
Karyn Creeghan
Malory Biles
Nickolai Artin
Renaldo...
Richy Gray
Tallie Chaikovski
Theresita...
Department
Accounting
Business Development
Engineering
Human Resources
Legal
Marketing


GenderCode
Count of FirstName
HIGH
BusinessUnit
BPC
CCDR
EW
MSC
NEL
Performance

# Conclusion

After performing a comprehensive analysis of the employee data set using Excel, several key insights and conclusions can be drawn. This section summarizes the findings, implications, and recommendations based on the modeling and analysis conducted.