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

- 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.

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.ConditionalFormatting:

- Tohighlightsthemissingvalue ofthe data.

2.Filter:

- Toremovethemissingvalueofthe data.

3.Formula:

- To find the employees performance level inthe data.

4.PivotTable:

- Tosummarytheemployeesdata.

5.Graph:

- Tovisualizationoftheemployeesdatainthe 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, NonBinary)
- **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:

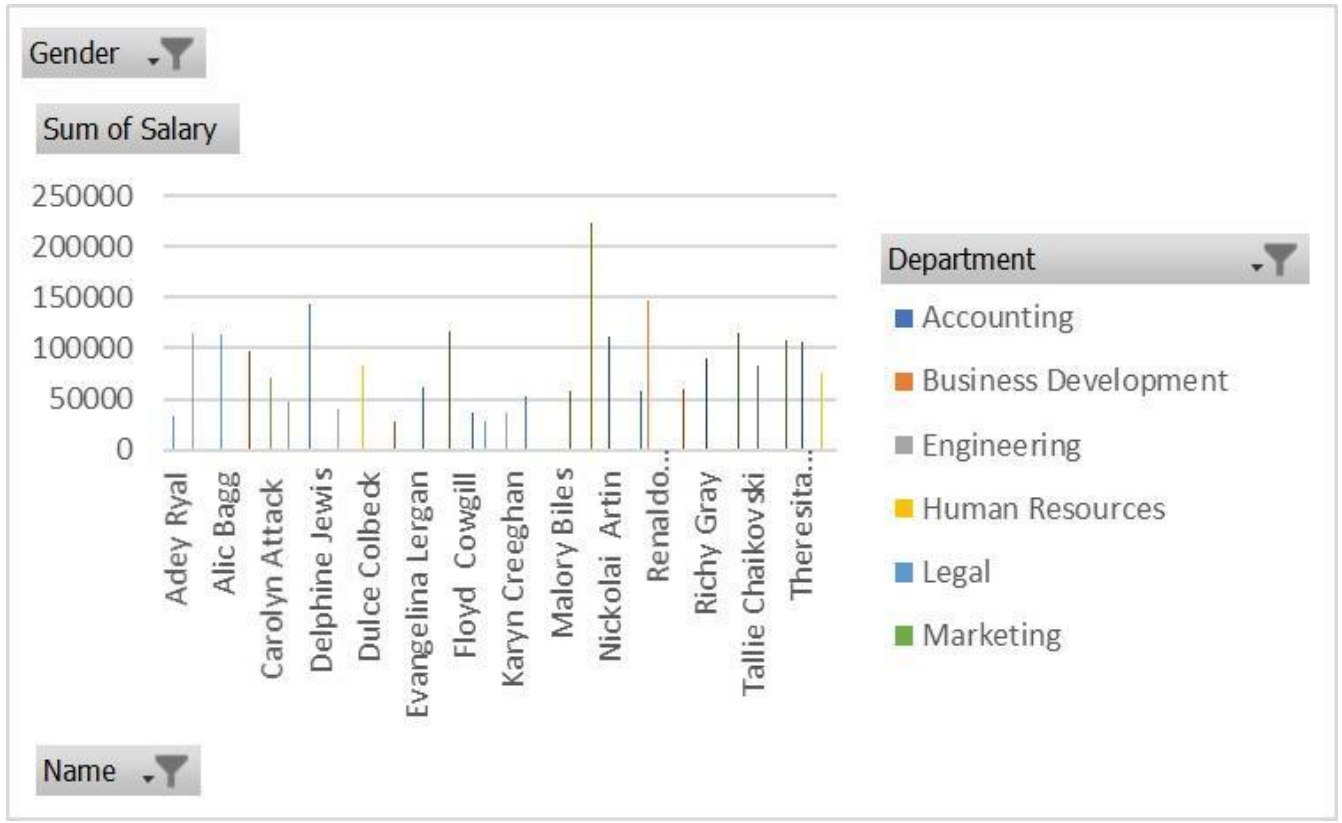
1.Pivot Table:

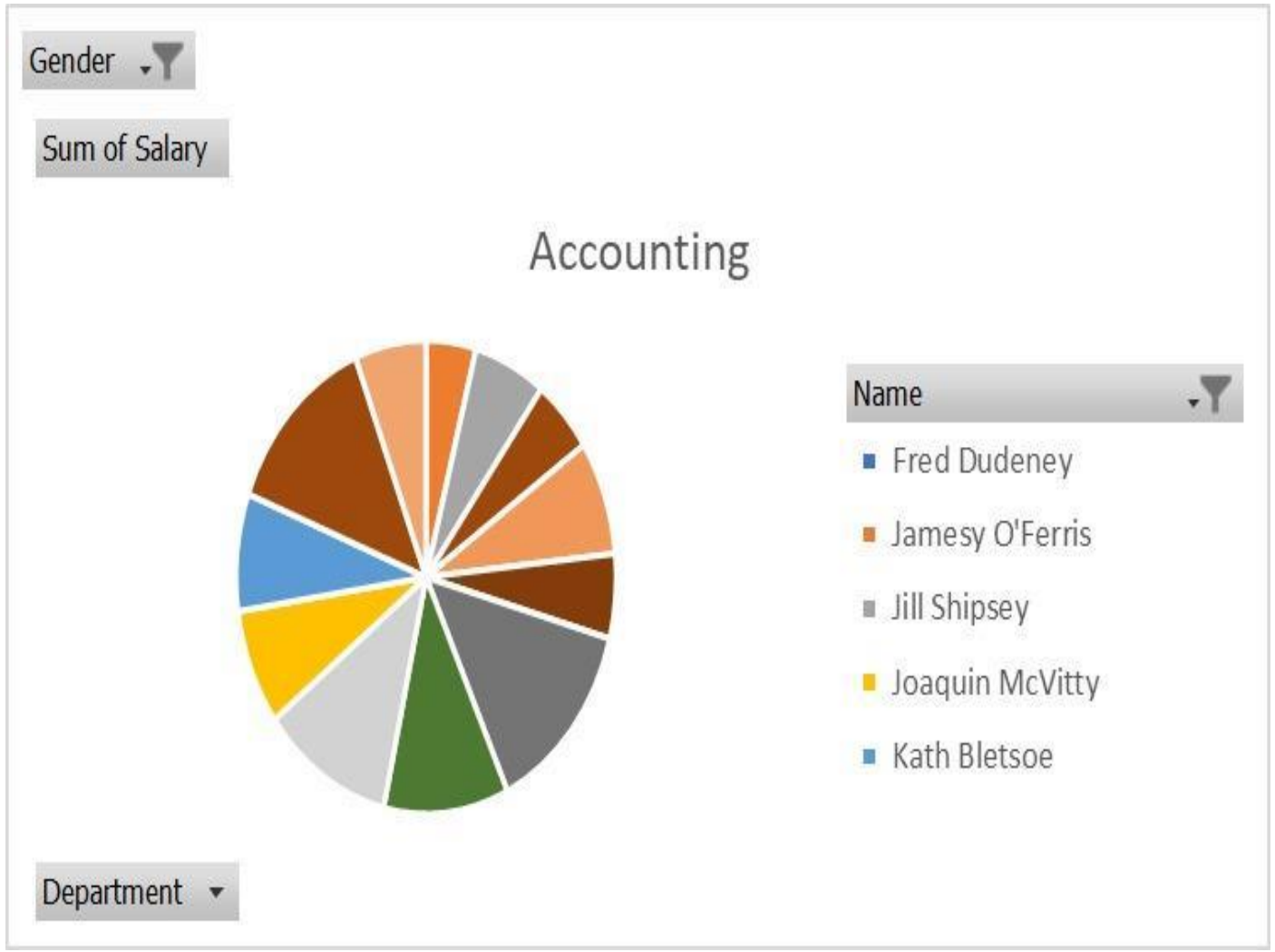
- ✓ To summary the employees data.

2.Graph:

- ✓ To visualization of the employees data in the organisation.

RESULTS


Gender
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
Name


Gender
Sum of Salary
Accounting
Name
Fred Dudeney
Jamesy O'Ferris
Jill Shipsey
Joaquin McVitty
Kath Bletsoe
Department

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.