

# Employee Data Analysis using Excel



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# PROJECT TITLE

Employee Data based on gender,  
department and FTE using excel

# AGEND

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1. Problem Statement
2. Project Overview
3. End Users
4. Our Solution and Proposition
5. Dataset Description
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# PROBLEM STATEMENT

Organize Your Data: Ensure your data is structured properly in Excel. Typical columns might include: Employee ID, Gender, Department, Efficiency Score

Set Up the Pivot Table:  
Rows: Gender, Department  
Values: Efficiency Score (set to Average to see the average efficiency)



# PROJECT OVERVIEW

- Supporting Employee Development:  
Enhancing Departmental  
Performance:  
Improving Workplace  
Diversity:  
Identifying Inequities:



# WHO ARE THE END USERS?

HR Professionals:

Management and  
Executives:

Finance Teams

Compliance Officers

Organizational  
Development Specialists:

Employees



# OUR SOLUTION AND ITS VALUE PROPOSITION



Create a Pivot Table  
Insert a Pivot Table: Go to Insert > PivotTable. Select the range of your data

. Visualize Data

Create Charts

Pie Chart

Apply Filters



# Dataset Description

Employee data set

There are 8 column and I choose 3column

**Column headings-** employees I'd,

name,

gender,

salary,,

department,

start date,

FTE, employment Work location

The name are alphabetical,

The gender are male,female

The start date are Alpha numeric

Work location are alphabetical





# THE "WOW" IN OUR SOLUTION

- Pivot Charts: Use Pivot Charts to create dynamic visualizations that update automatically when you adjust the Pivot Table.



Pie charts: show progress towards targets or benchmarks for different departments or genders in a compact format.



# MODELLING

Step1: Go to naan mudhalvan portal

Step2: In mandatory course select employees data analysis and select my profile

Step3: download employee data set and project ppt

Step4: In employee data det there is an excel about employees data set and insert pivot table and create table

Step5: create pie chart using table



# RESULTS

Count of FTE	Department															
Gender	Accounting	Business Development	Engineering	Human Resources	Legal	Marketing	NULL	Product Management	Research and Development	Sales	Services	Support	Training	(blank)	Grand Total	
Female	8	9	3	5	7	4	4	10	11	4	10	8	12		95	
Male	11	12	10	5	10	6	4	8	4	5	6	8	6		95	
(blank)	1			2	1							1	1		6	
Grand Total	20	21	13	12	18	10	8	18	15	9	16	17	19		196	

## RESULTS



# conclusion

In conclusion, analyzing employee data based on gender and departmental efficiency using Excel provides valuable insights into workplace dynamics and performance. The analysis reveals how gender distribution varies across departments and how it correlates with departmental efficiency. Key findings typically include: Gender Distribution: Understanding the gender composition within each department can help identify potential imbalances or areas for improvement in diversity and inclusion.

Departmental Efficiency: By correlating gender data with efficiency metrics, you can assess if there are differences in performance outcomes that could be linked to gender distribution.