

Employee Data Analysis using Excel



STUDENT NAME : AKSHARA.R

REGISTER NO : 2B49057CD9D4FC291E844740C308075,312208638

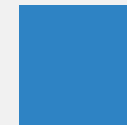
DEPARTMENT : B.COM(GENERAL)

COLLEGE : MEENAKSHI COLLEGE FOR WOMEN



PROJECT TITLE

**EMPLOYEE PERFORMANCE BASED ON
GENDER,DEPARTMENT,FTES.**



AGENDA

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



PROBLEM STATEMENT

- Employee data analysis using Excel helps track performance, plan workforce needs, and manage compensation effectively.
- It also aids in understanding turnover trends, monitoring training outcomes, and ensuring compliance.



PROJECT OVERVIEW

- To evaluate employee data using Excel, start by organizing and cleaning the data to ensure accuracy. Next, analyse the data through sorting, filtering, and pivot tables to uncover key metrics and trends.
- Interpret the results to identify patterns and insights that can guide decision-making. Finally, create clear and concise reports or presentations to effectively communicate your findings and recommendations.



WHO ARE THE END USERS?

- HUMAN RESOURCE DEPARTMENTS
- MANAGEMENT AND LEADERSHIP
- TEAM LEADERS AND SUPERVISORS
- EMPLOYEES.
- EXECUTIVE LEADERSHIP.
- BUSINESS ANALYSTS.
- RECRUITERS.

OUR SOLUTION AND ITS VALUE PROPOSITION



FILTERING- REMOVE VALUES

PIVOT TABLE - SUMMARY OF
EMPLOYEE PERFORMANCE

GRAPH- FINAL REPORT

Dataset Description

- EMPLOYEE DATA SET- KAGGLE
- 9 FEATURES IN EXCEL:

EMPLOYEE ID- ALPHANUMERIC(TEXT)

NAME- ALPHABETICAL(TEXT)

GENDER- ALPHABETICAL(TEXT)

DEPARTMENT - ALPHABETICAL(TEXT)

SALARY - NUMERICAL

START DATE - ALPHANUMERIC(TEXT)

FTE- NUMERICAL

EMPLOYEE TYPE- ALPHABETICAL(TEXT)

EMPLOYEE LOCATION- ALPHABETICAL(TEXT)

- 3 FEATURES USED:
 - DEPARTMENT - ALPHABETICAL(TEXT)
 - FTE- NUMERICAL
 - EMPLOYEE TYPE- ALPHABETICAL(TEXT)

THE "WOW" IN OUR SOLUTION

- ❖ Effective data visualization makes it easier to present complex data in an engaging and understandable way.
- ❖ Well-presented data can have a significant impact on decision-makers, helping to drive change and innovation.



MODELLING

- STEP -1

DOWNLOAD THE EMPLOYEE DATASET
AND OPEN THE EMPLOYEE DATASET IN EXCEL.

- STEP -2

SELECT THE ENTIRE DATA AND CLICK
ON DATA AND CLICK ON FILTER OPTION. STEP

- -3

- FILTER FROM A TO Z ORDER.

STEP -4

SELECT THE ENTIRE DATA AND CLICK
ON INSERT AND CLICK ON PIVOT TABLE TO
CREATE PIVOT TABLE.

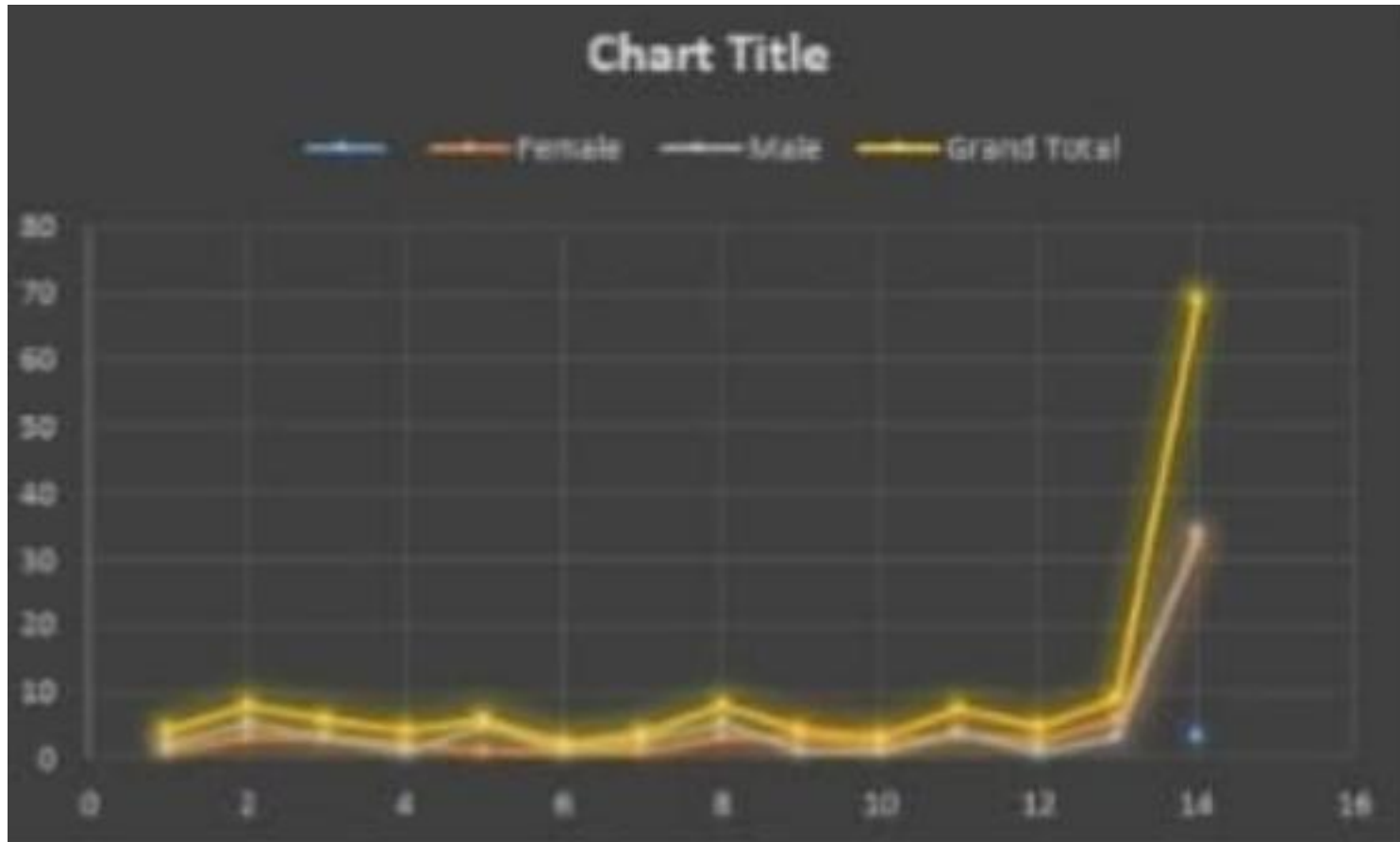
- STEP -5
DRAG THE NEEDED DATA AND CREATE A PIVOT TABLE.
- STEP -6
SELECT THE PIVOT TABLE AND CLICK ON INSERT.
- STEP-7
NOW CLICK ON THE CHART THAT YOU WANT.
- STEP -8
THE CHART IS CREATED.

RESULTS

1.TABLE

SUM of FTE	Department													
	Accounting	Business Development	Engineering	Human Resources	Legal	Marketing	NULL	Product Management	Research and Development	Sales	Services	Support	Training	Grand Total
Gender														
Female	0.9			1								1		2.9
Male	1	3	3	2	1	1	1	3	3.2	2	3.8	2.8	5.7	32.5
Male	2.3	5	3	1	4.5	1	2.6	5	1	1	3.4	1	3	33.8
Grand Total	4.2	8	6	4	5.5	2	3.6	8	4.2	3	7.2	4.8	8.7	69.2

2. GRAPH CHART



conclusio

- Addressing the specific needs of departments is essential for fostering more stable and productive work in the environment. While the current analysis offers valuable guidance, ongoing data monitoring and adaptive strategies will ensure sustained organizational growth.
- Empowering employees through data-driven decision-making is key to building a resilient and motivated workforce. By leveraging these insights, employers can create a more supportive and thriving workplace, ultimately driving long-term success.