Employee Data Analysis using Excel

STUDENT NAME: KARTHIKA N
REGISTER NO   : A78EF8FA7B61706A6654E9454AD91CBA,122201824
DEPARTMENT   : B.COM (CORPORATE SECRETARYSHIP)
COLLEGE   : MEENAKSHI COLLEGE FOR

PROJECT TITLE

Employee Performance Analysis Based on Department, Gender and FTE 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 performance of employees within an organization by examining various factors such as department, gender and full-time equivalent (FTE) status using Excel.

PROJECT OVERVIEW

To analyze the performances of employees within an organization by examining various factors such as department, gender and full-time equivalent (FTE) status using Excel. This analysis will ultimately help the organization to improve the overall effectiveness of the workforce.

WHO ARE THE END USERS?

1. TEAM LEADERS AND SUPERVISORS

2. EMLOYEES

3. EXECUTIVE LEADERSHIP

4. BUSINESS ANALYSTS

5. RECRUITERS

OUR SOLUTION AND IT'S VALUE PROPOSITION

PIVOT TABLE – SUMMARY OF

EMPLOYEE PERFORMANCE

BAR DIAGRAM – FINAL REPORT

Dataset Description

EMPLOYEE DATA SET – NAN MUDHALVAN PORATAL 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

    GENDER – 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 INSERT AND CLICK ON PIVOT TABLE TO CREATE PIVOT TABLE.

STEP-3

DRAG THE NEEDED DATA AND CREATE A PIVOT TABLE.

STEP-4

  SELECT THE PIVOT TABLE AND CLICK ON

INSERT.

STEP-5

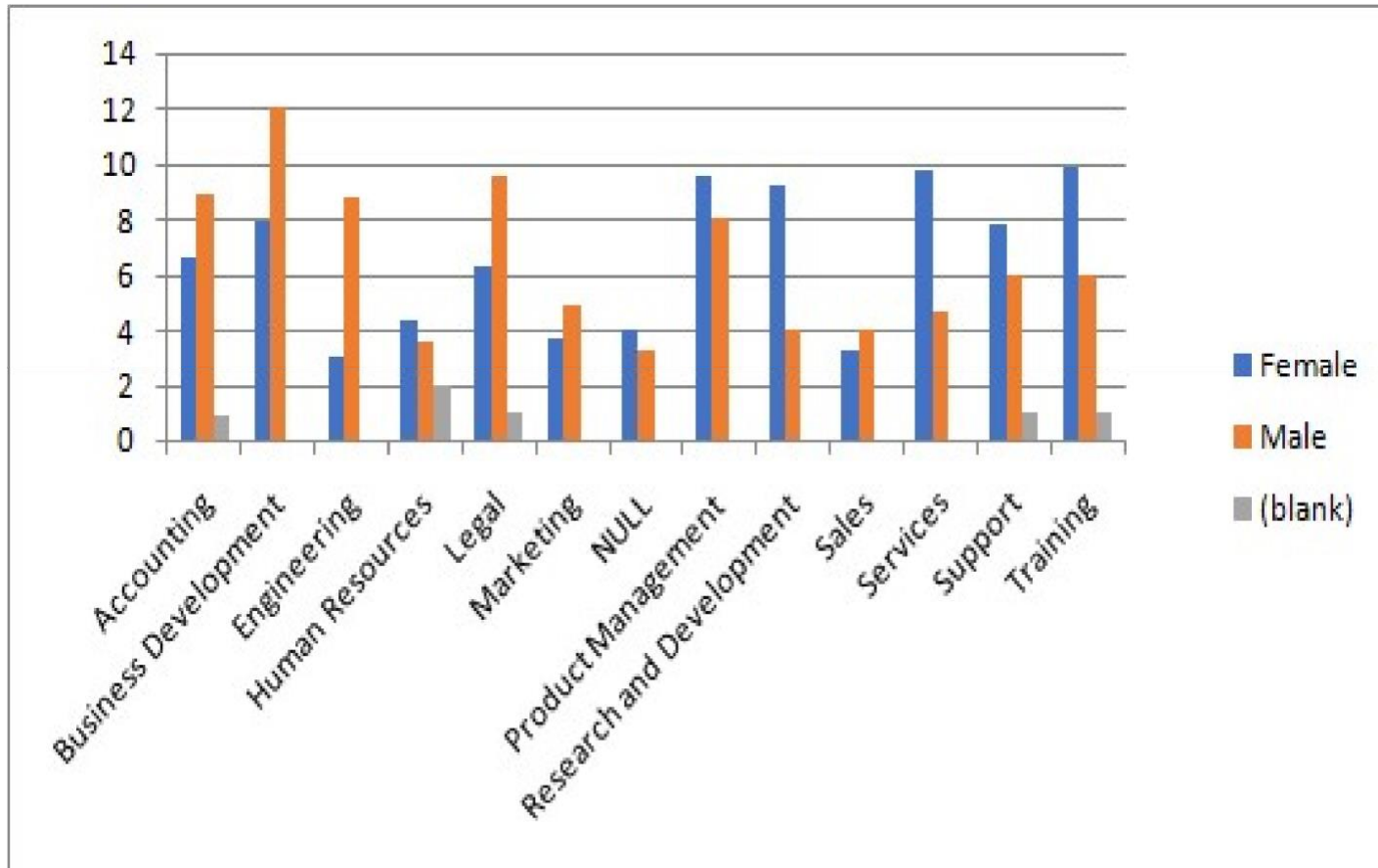 NOW CLICK ON THE CHART THAT YOU WANT.

STEP-6

  THE CHART IS CREATED.

RESULTS 1.TABLE

Sum of FTE	Column Labels			
Row Labels	Female	Male	(blank)	Grand Total
Accounting	6.6	8.9	0.9	16.4
Business Development	7.9	12		19.9
Engineering	3	8.8		11.8
Human Resources	4.3	3.6	2	9.9
Legal	6.3	9.5	1	16.8
Marketing	3.7	4.9		8.6
NULL	4	3.3		7.3
Product Management	9.6	8		17.6
Research and Development	9.2	4		13.2
Sales	3.3	4		7.3
Services	9.8	4.7		14.5
Support	7.8	6	1	14.8
Training	9.9	6	1	16.9
Grand Total	85.4	83.7	5.9	175

2.BAR DIAGRAM

Conclusion

Based on the performance analysis conducted across various departments, genders, and FTE statuses, several key insights have emerged which could contribute to the overall efficiency of the organization. Overall, the analysis provides a clear picture of performance dynamics within the organization, highlighting areas of strength and opportunities for targeted improvements.