Employee Data Analysis using Excel

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PROJECT TITLE

Employee Performance 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

. Utilize Excel to efficiently analyse employee data by leveraging
   Function such as PIVOT TABLES, and conditional formatting.

.   The enables the identification of key trends, such as current
   Employees rates, performance levels.
   Descion-making processes by visualization this data through Pie chart
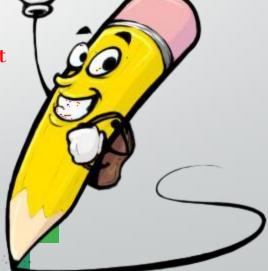
PROJECT OVERVIEW

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This project focuses on analysing employee data to identify trends and
And insights that can drive better decision.

Excel will be used to clean, organize, and visualize kry metrics such as
Employee demographics, performance, and rention rates.

The analysis will highlights areas of improvement in workforce management
Helping to optimize resource allocation.

Outcomes will include detailed reports and dashboard for management
Review.

The finding aim to support strategic planning.

WHO ARE THE END USERS?

The end users of the employee data employee data analysis are
HR
Managers team leads and senior management.

OUR SOLUTION AND ITS VALUE PROPOSITION

Conditional formatting – highlights missing cells

Filter – helps to remove the empty cells

Formulas – helps to identify the performance of employees

Pivot table – helps summarize

Pie chart – shows the data

Dataset Description

- 1. Employee ID
2. First name
- 3. Last name
- 4. Business unit
5. Employee classification type
6. Employee type
7. Gender
8. Performance score
9. Current employee rate
10. Performance level

THE "WOW" IN OUR SOLUTION

Gender	(All)			
Count of Emp ID	**Column Labels**			
Row Labels	**Fixed Term**	**Permanent**	**Temporary**	**Grand Total**
Accounting	4	13	3	20
Business Development	4	15	2	21
Engineering	3	7	4	14
Human Resources	4	6	2	12
Legal	2	12	4	18
Marketing	1	8	2	11
NULL	1	7		8
Product Management	3	12	3	18
Research and Development	1	11	3	15
Sales	1	7	1	9
Services	4	11	2	17
Support	3	11	3	17
Training	6	8	6	20
Grand Total	**37**	**128**	**35**	**200**

MODELING
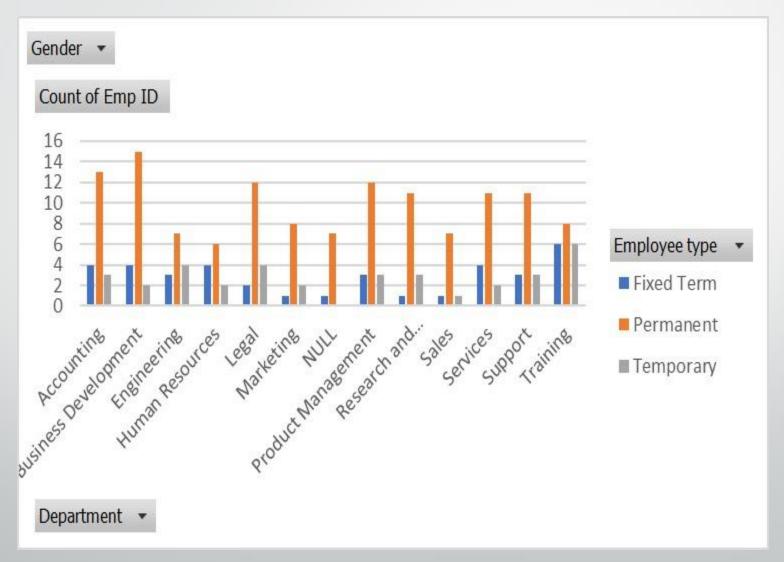
DATA COLLECTION

*Identification
*Gathering
*Preparation

DATA CLEANING

*Standardization dilation
*Correction
*Validation

SUMMARY

Data analysis involves examining, transforming, and modelling data to
Extract insights , identify patterns, and support decisions-making.

RESULTS

conclusion

* IN CONCLUSION, the employee data analysis conducted using
Excel
    Provided valuable insights into workforce trends enabling more
    Informed decision-making.

     The use of Excel allowed efficient data organization,
visualization
    and reporting,   ultimately helping to enhance HR strategies,
improve
    and employee satisfaction and optimize overall organizational
    performance.