

Employee Data Analysis using Excel

Presented by:

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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, nad conditional formating.
- . The enables the identification of key trends, such as current Employees rates, performance levels. Desicion-making processes by visualization this data through Pie chart



PROJECT OVERVIEW



This project focuses on analysing employee data to identify trends and insights that can drive better decision. Excel will be used to clean, organize, and visualize key metrics such as Employee demographics, performance, and retention rates. The analysis will highlight areas of improvement in workforce management. Helping to optimize resource allocation. Outcomes will include detailed reports and dashboard for management review. The findings aim to support strategic planning.



WHO ARE THE END USERS?

The end users of the 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
1. Gender
2. Start date
3. Salary
4. Department
5. FTE
6. Employee Type
7. Work location

THE "WOW" IN OUR SOLUTION



Performance level

```
=IFS(Z8>=5,"VERYHIGH",Z8>=4,"HIGH",  
Z8>=3,"MED",TRUE,"LOW")
```



MODELLIN

G DATA COLLECTION

- *Identification
- *Gathering
- *Preparation

DATA CLEANING

- *Standardization
- *Correction
- *Validation

SUMMARY

Data analysis involves examining, transforming, and modeling data to

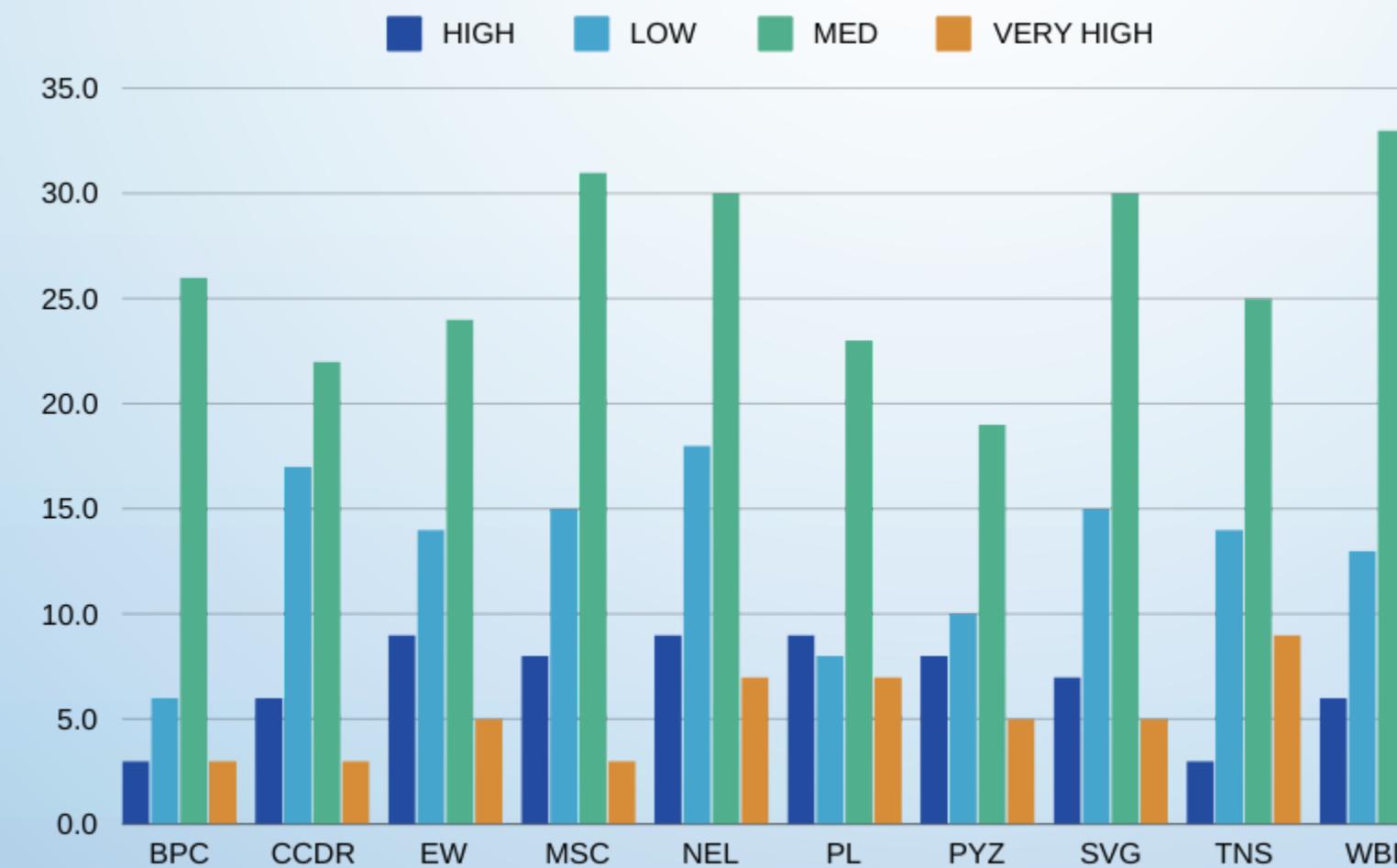
Extract insights , identify patterns, and support decisions-making.

RESULTS

PAVIOT TABLE

GenderCode	(All)					
Count of FirstName	Column Labels					
Row Labels BPC	HIGH	LOW	MED	VERY HIGH	Grand Total	
EW		3	6	26	3	38
MSC		6	17	22	3	48
NEL		9	14	24	5	52
PL		8	15	31	3	57
PYZ		9	18	30	7	64
SVG		9	8	23	7	47
TNS		8	10	19	5	42
WBL		7	15	30	5	57
Grand Total		3	14	25	9	51
		6	13	33	6	58
		68	130	263	53	514

BAR



conclusion

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