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 efficently 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 And insights that can drive better decision.

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

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

  Outcomes will iclude detailed reports and dashboard for management Review.

  The finding aim to support stratergic 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 – highligths missing cells

Filter – helps to remove the empty cells

Formulas – helps to identify the performance of emloyees

Pivot table – helps summarize

Pie chart – shows the data

Dataset Description

1. Employee ID
2. First name
3. Gender
4. Start date
5. Salary
6. Department
7. FTE
8. Employee Type
9. Work location

THE "WOW" IN OUR SOLUTION

Performance level

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

MODELLING

DATA COLLECTION

*Identification
*Gathering
*Preparation

DATA CLEANING

*Standarization dization
*Correction
*Validation

SUMMARY

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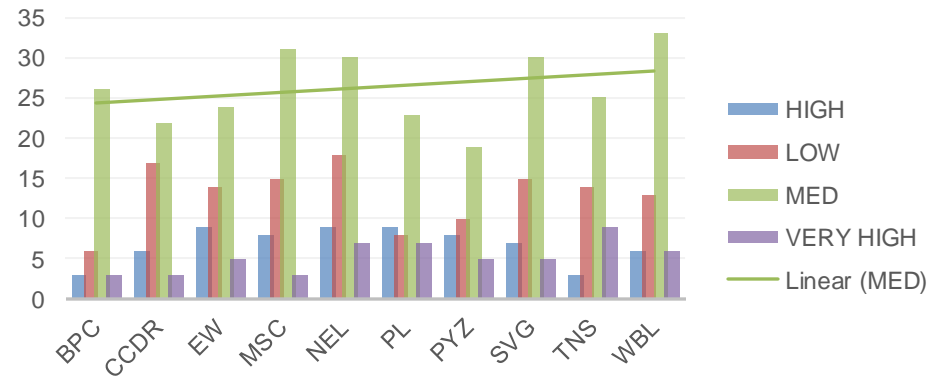Extract insights , identify patterns, and support decisions-making.

RESULTS

PAVIOT TABLE

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

BAR

EMPLOYEE PERFORMANCE ANALYSIS

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.