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Employment Data Analysis Using Excel

PROJECT TITLE

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*Employee Type Analysis
Using Excel & Employee
Department Court
Analysis Using Excel.*

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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

- **Objective:** Explain the issues or challenges faced with understanding employee distribution by type and department within the company.
- **Problem 1:** Lack of insight into the distribution of employees by their type (full-time, part-time, contract, etc.).
- **Problem 2:** Need to analyze the distribution of employees across different departments.
- **Impact:** Discuss how this impacts decision-making in HR and management.



PROJECT OVERVIEW

- **Scope:** Provide a brief overview of the project scope.
 - Analyzing employee types and their distribution.
 - Counting employees in each department.
- **Tools Used:** Highlight that Excel is used for analysis.
- **Goals:** Outline the goals, such as better understanding employee distribution for resource allocation.



WHO ARE THE END USERS?

- **Who Benefits:**
 - **HR Team:** For workforce planning and recruitment strategy.
 - **Management:** For making informed decisions on resource allocation.
 - **Department Heads:** To understand the workforce structure within their teams.
- **How They Benefit:** Explain the insights they gain from the analysis.

OUR SOLUTION AND ITS VALUE PROPOSITION



- **Solution Overview:**
 - **Employee Type Analysis using Excel:** Breakdown of employees by their type.
 - **Employee Department Count Analysis using Excel:** Analysis of department-wise employee distribution.
- **Proposition:**
 - **Provide data-driven insights.**
 - **Simplify the process using Excel for ease of use and accessibility.**

DATASET DESCRIPTION

- **Dataset Details:**
 - **Source of Data:** (E.g., Internal HR Database, Survey, etc.)
 - **Key Fields:** Employee ID, Employee Type, Department, etc.
 - **Data Size:** Number of records and time period covered.
- **Data Preparation:** Mention any data cleaning or pre-processing steps undertaken.

THE "WOW" IN OUR SOLUTION



Key Features: Interactive dashboards in Excel using pivot tables and slicers.
Automated reports on employee types and departmental distributions.
Charts that show trends, distributions, and anomalies for easy decision-making.
Clean and intuitive Excel templates that HR can use for continuous analysis.

MODELLING



- **Methodology:**
 - **For Employee Type Analysis:** Describe the Excel functions or methods used (e.g., Pivot Tables, COUNTIF).
 - **For Department Count Analysis:** Explain how you organized and counted employees by department.
- **Visualization:** Mention any charts or graphs used to visualize the data.



RESULTS AND DISCUSSION

- **Key Findings:**
 - **Employee Type Distribution:** Present findings, such as the percentage of full-time vs part-time employees.
 - **Department Analysis:** Display the count of employees per department.
- **Visuals:** Include charts/graphs that illustrate the results.
- **Discussion:** Interpret the findings and their implications.

CONCLUSION

- **Summary:** Recap the main points and findings of the analysis.
- **Implications:** Discuss how these insights can aid in decision-making.
- **Next Steps:** Suggest further analysis or actions based on the results.