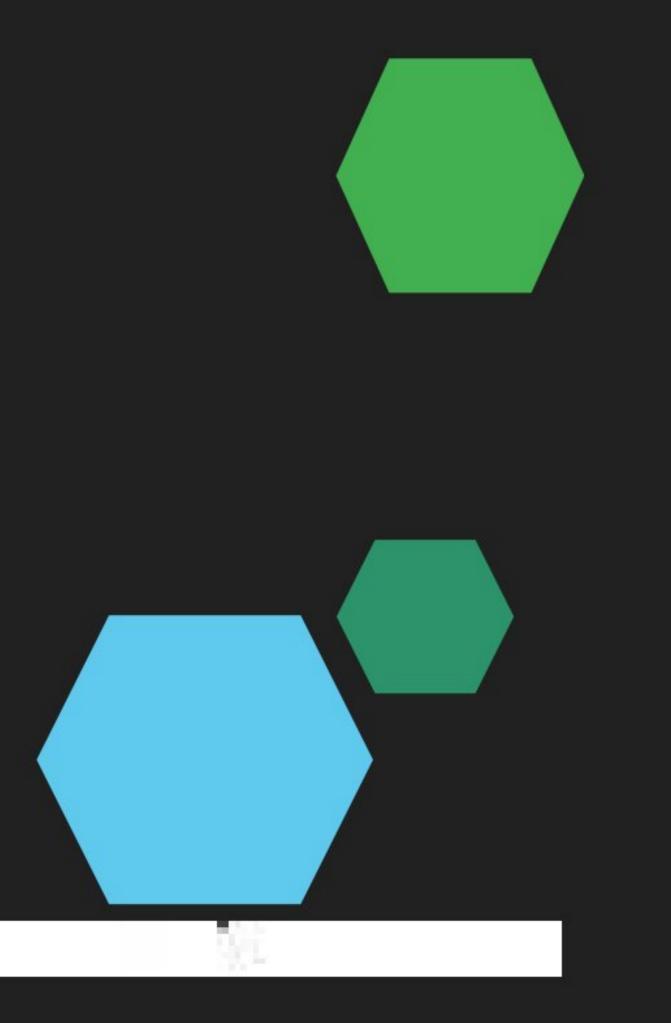
STUDENT NAME: Mercy.N

REGISTER NO: 12200894

DEPARTMENT: B COM CS

COLLEGE: ANNAI VOILET COLLEGE ART AND

SCIENCE COLLEGE



# Employment Data Analysis Using Excel

# PROJECT TITLE

Employee Type Analysis Using Excel & Employee Department Court 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

- 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.

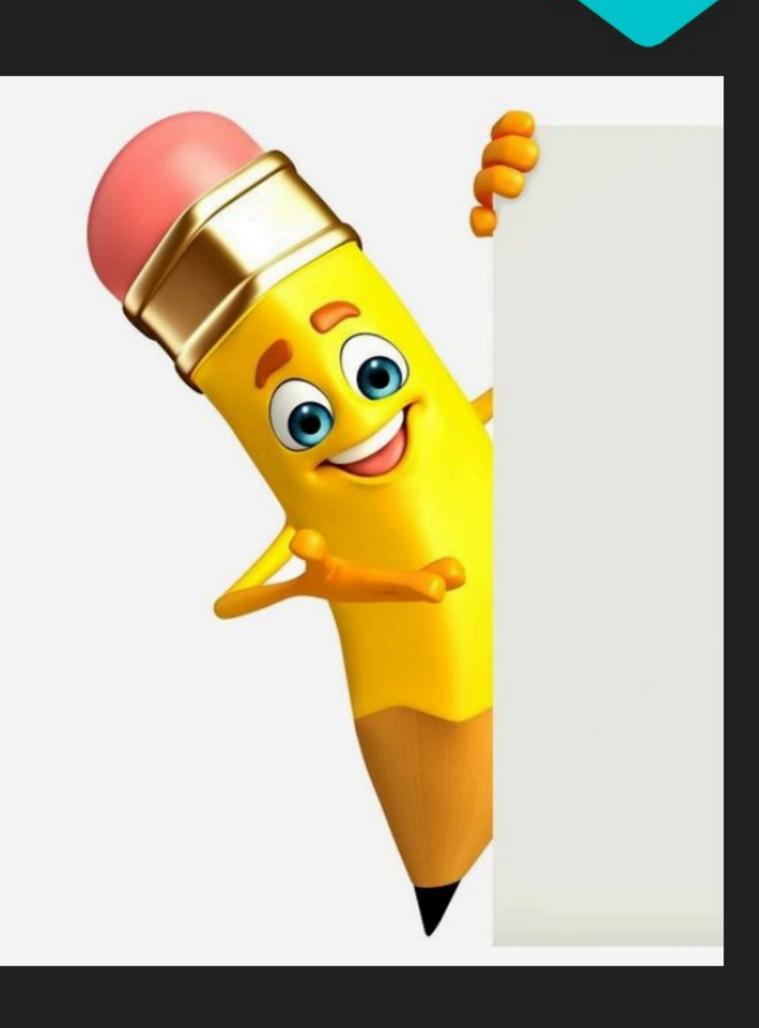


#### WHO ARE THE END USERS?

- 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

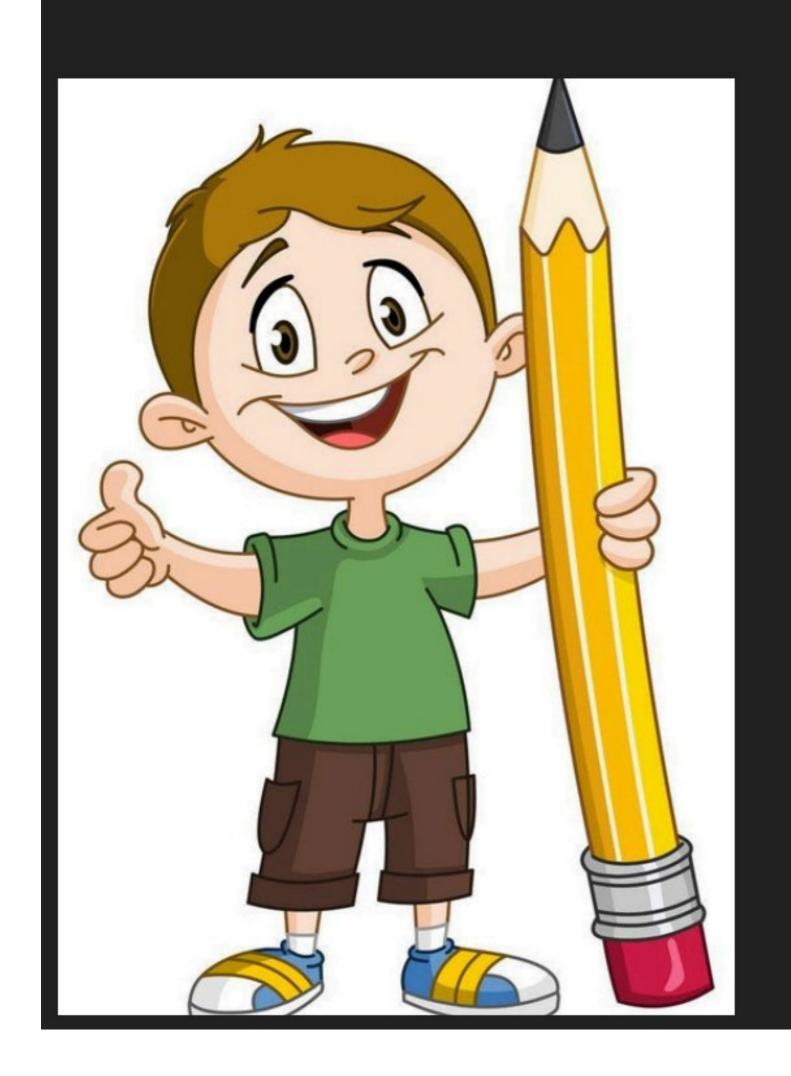


- Solution Overview:
  - Employee Type Analysis using Excel:
     Breakdown of employees by their type.
  - Employee Department Count Analysis using Excel: Analysis of department-wise employee distribution.
- Proposition:
  - Provide data-driven insights.
  - Simplify the process using Excel for ease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