Employee Data Analysis using Excel

STUDENT NAME: J.Kamalesh Borana
REGISTER NO:422200053 (asunm110422200053)
DEPARTMENT:B.Com INFORMATION SYSTEM MANAGEMENT
COLLEGE: DRBCCC HINDU COLLEGE

PROJECT TITLE

Making Charts and Bar diagrams 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

Accurate data representation is crucial for effective decision-making and communication. Current methods of visualizing data may be inconsistent or unclear, leading to misinterpretation and reduced insight. The challenge is to develop clear, accurate, and visually appealing charts and bar diagrams that enhance data comprehension and support better business decisions.

PROJECT OVERVIEW

Create clear, informative charts and bar diagrams to visualize data effectively. This involves data collection, designing visualizations using tools like Excel or Tableau, and refining them for accuracy and clarity. The outcome is improved data presentation for better decision-making and communication.

WHO ARE THE END USERS?

- Business Analysts
- Managers and Executives
- Sales and Marketing Teams
- Financial Analysts
- Researchers and Academics
- Stakeholders and Investors

OUR SOLUTION AND ITS VALUE PROPOSITION

Solution: Develop a user-friendly data visualization toolkit that simplifies the creation of accurate and aesthetically pleasing charts and bar diagrams.
Value Proposition: This toolkit enhances data clarity and insight by providing intuitive design options and customization features, enabling users to easily generate effective visualizations that support informed decision-making and clear communication.

Dataset Description

Dataset: Edunet Foundation Dashboard
Features: 34
Features used: 4
1. Count of Marital Status: text
2. Count of Education Field: text
3. Count of Over Time: numbers
4. Count of Job Role: text

THE "WOW" IN OUR SOLUTION

■

Our solution stands out with its intuitive design interface and advanced customization features, enabling users to create stunning, accurate charts and bar diagrams effortlessly. With real-time data integration and interactive elements, it transforms complex data into visually compelling insights that captivate and inform stakeholders.

MODELLING

Data Preparation
- **Data Cleaning**
- **Data Transformation**

  Chart and Diagram Types:
- **Bar Charts**
- Column Charts
- Stacked Bar Charts
- Grouped Bar Charts

  Validation and Refinement:
- **Accuracy Check**
- Feedback Integration

  Tool Selection
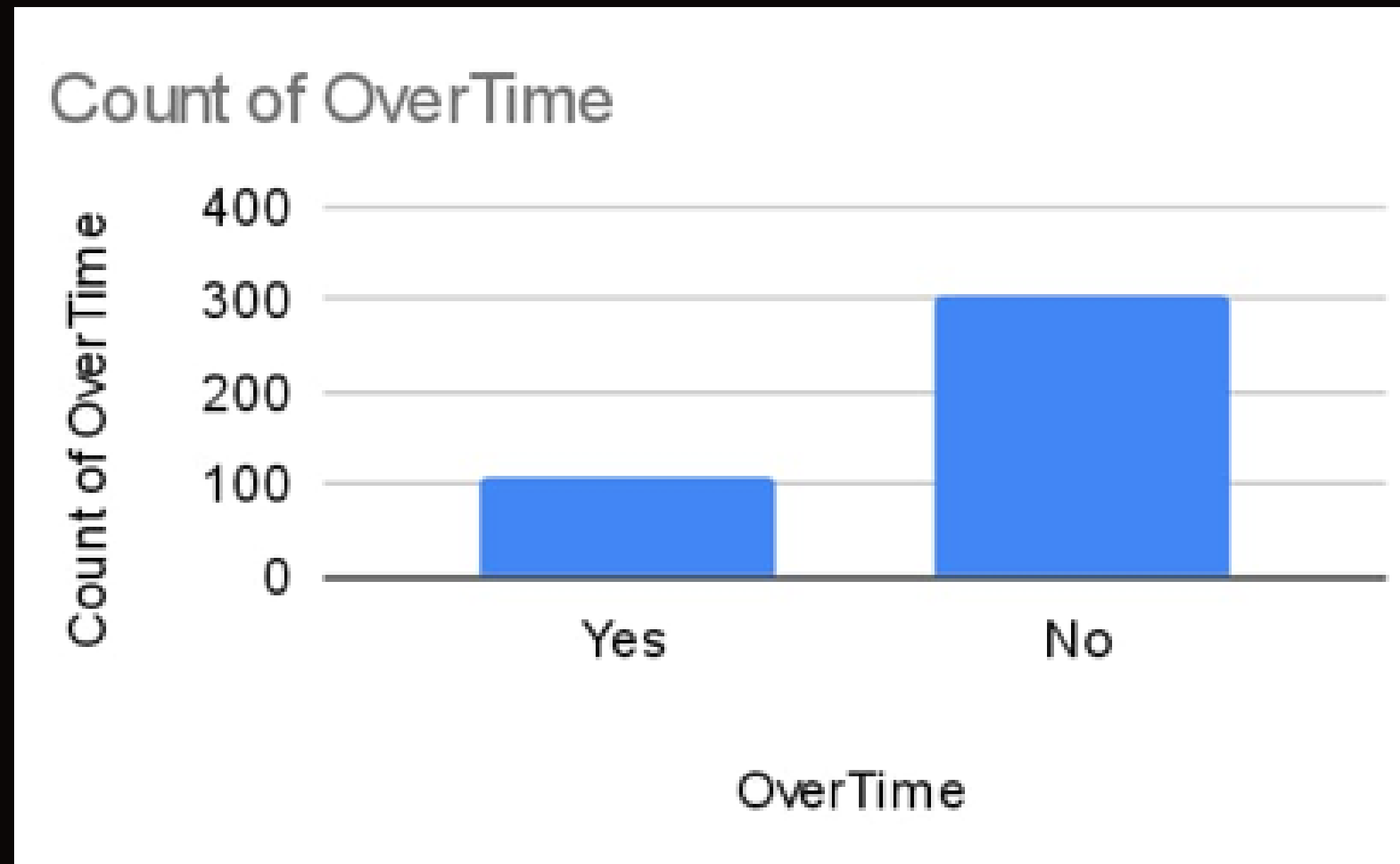- Software Options
- Customization Features

RESULTS

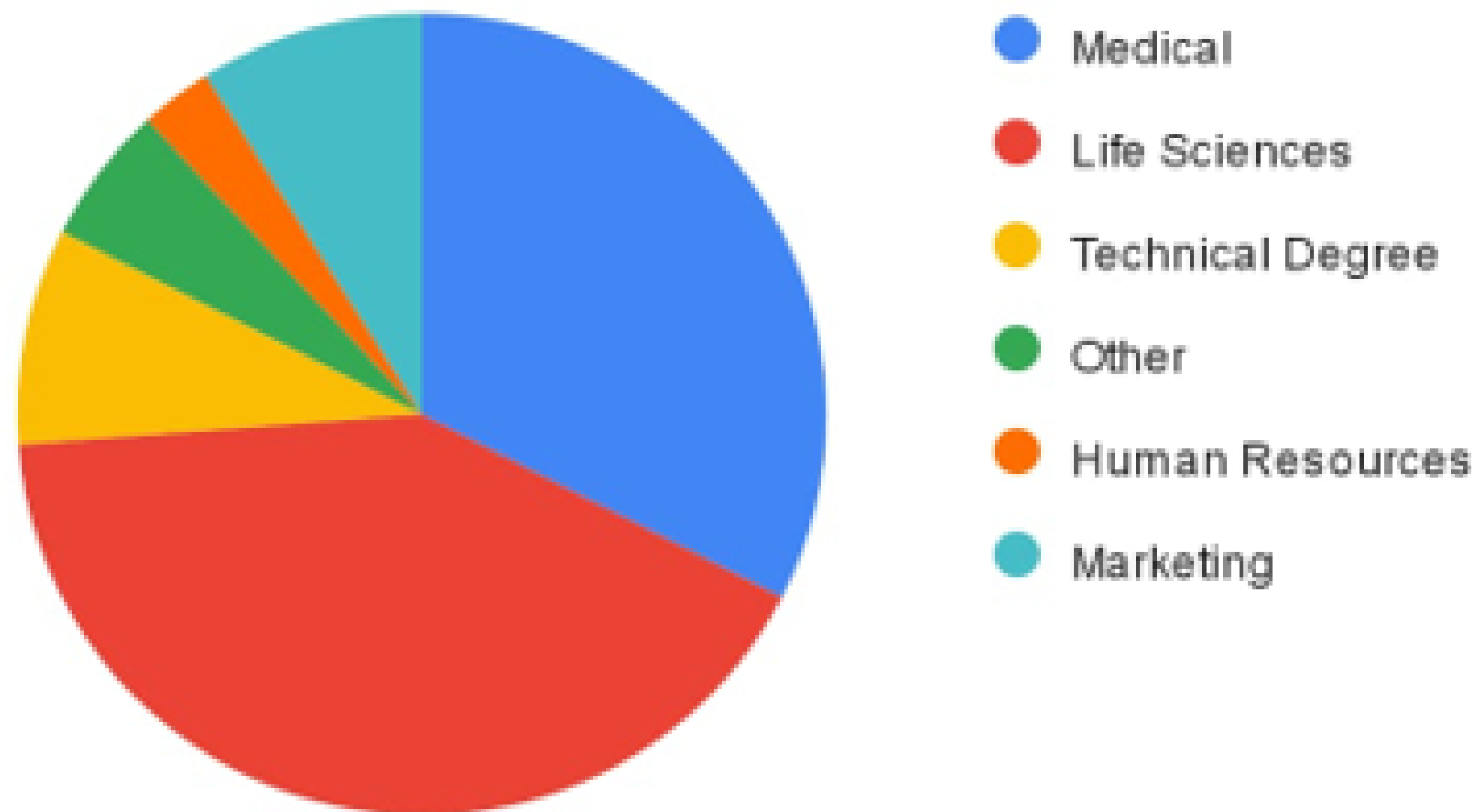Count of MaritalStatus

- Single
- Married
- Divorced

RESULTS

Count of OverTime

RESULTS

RESULTS

conclusion

Effective charts and bar diagrams are crucial for clear data communication and informed decision-making. By preparing data accurately and using intuitive design, these visualizations make complex information accessible and actionable, enhancing understanding and supporting strategic decisions.