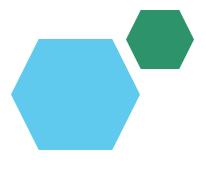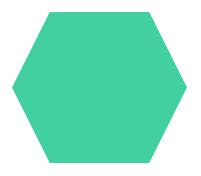# Employee Data Analysis using Excel

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PROJECT TITLE

Employee Marital Status 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

❑ **To Develop an Excel based Employee marital status Scorecard to systematically evaluate and monitor employee marital Status across multiple criteria.**

❑ **The scorecard should facilitate Track changes in marital status and relationship trends over time**
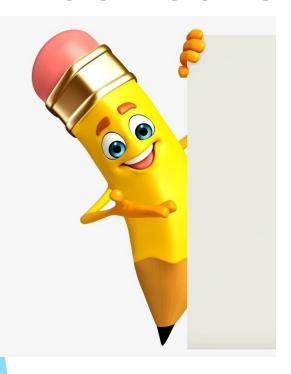
PROJECT OVERVIEW

•An employee marital status in a excel is a tool used to systematically evaluate and track the employees marital status according to certain objectives

. In typically Includes various categories such as Married, Divorced, Single, Widow

WHO ARE THE END USERS?

- **HR PROFESSIONALS**

- **MANAGER**

- **SUPERVISORS**

- **EXECUTIVE**

- **EMPLOYEES**

OUR SOLUTION AND ITS VALUE PROPOSITION

❖ CONDITIONAL FORMATING – EDITING BLANKS MARK

❖ FILTERING – REMOVING MISSING VALUES

❖ USING PIVOT TABLE – SUMMARY OF EMPLOYEE PERFORMANCES

❖ FORMULA - =IFS FORMULA

❖ USING SLICER – EMPLOYEE TYPE

❖ GRAPHS = FINAL REPORT

Dataset Description

- Employee dataset – Kaggle
- 26 features
- 9 features used
- EMP ID
- Name-text
- Start date-number
- End date-number
- Rating-number
- Performance-text
- gender-female , male
- Business unit- text
- Business type- text

THE "WOW" IN OUR SOLUTION

The dataset for the Performance Management Dashboard is designed to capture and analyze key aspects of employee marital status. It consists of multiple data fields that provide a comprehensive view of each employee's marital metrics. Here's a detailed description of the dataset structure and the **significance** of each data field:

1. Dynamic Data Summarization
2. Interactive Data Exploration
3. Customizable Views and Reports
4. Trend Analysis and Comparison
5. Visual Data Representation
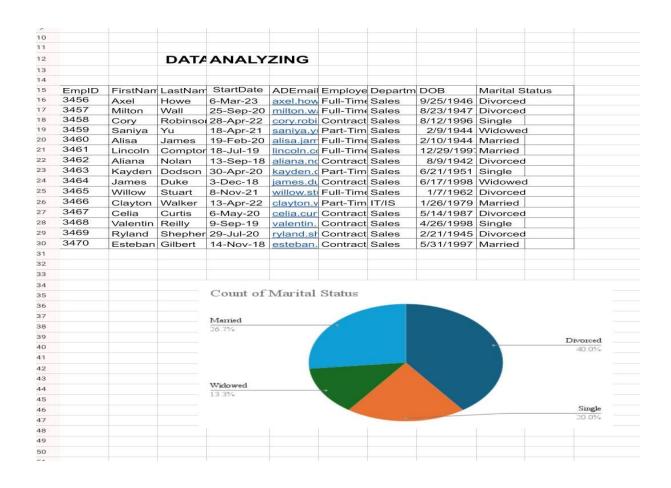6. Efficient Data Management
7. Advanced Filtering and Grouping

MODELLING

STEP 1 : DATASET FEATURE SELECTION – EMPLOYEE ID , FIRST NAME, LAST NAME , START DATE, EMPLOYEE EMAIL, DEPARTMENT ,GENDER, EMPLOYEE TYPE, MARITAL STATUS.

STEP 2 : DATA CLEANING : MARITAL CATEGORY COMPUTATION USING FORMULA : =IFS(Single, Married, Widow , Divorced)

STEP 3 : MARITAL STATUS SUMMARY PIVOT TABLE

RESULTS

conclusion

"Analyzing marital status provides valuable insights into an individual's relationship dynamics, socioeconomic factors, and potential needs

1. Identify trends and patterns in relationship stability and dissolution.
2. Inform strategies for strengthening marriages and families.