

# Employee Data Analysis using Excel



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**PROJECT TITLE**

# **Employee Productivity 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

**Our organization is facing challenges in optimizing employee productivity, which is impacting overall performance and profitability. Despite having various tools and systems in place to track employee activities, there is a lack of clear insights into the factors influencing productivity levels**



# PROJECT OVERVIEW

**The primary objective of this project is to analyze and enhance employee productivity within the organization. By leveraging data analytics, we aim to identify key factors influencing productivity, standardize performance metrics, and implement real-time monitoring solutions. This will ultimately lead to improved performance, better resource allocation, and increased overall efficiency.**



# WHO ARE THE END USERS?

- 1. HR Managers**
- 2. Department Managers and Team Leads**
- 3. Executives and Senior Leadership**
- 4. Employees**
- 5. Data Analysts**

# OUR SOLUTION AND ITS VALUE PROPOSITION

- 1.CONDITIONAL FORMATTING-productivity**
- 2. FILTER-REMOVE**
- 3.GRAPH- DATA VISUALIZTION**
- 4.Strategic Advantage**
- 5.Customizable Dashboards**



# Dataset Description

**EMRGETYEE DETAILS- IBM DASHBOARD.COM**

**30-FEATURES**

**10-FEATURES**

**NAME-TEXT**

**EMPLOYEE ID – NUMBERS & TEXTS**

**DEPARTMENT – TEXTS**

**GENDER-MALE OR FEMALE**

**START DATE-NUMBERS**

**SALARY-NUMBERS**

**WORK LOCATION-TEXT**

**EMPLOYEE TYPE- TEXT**

**TARGET – NUMBER**

**ACHIEVED – NUMBER**



# THE "WOW" IN OUR SOLUTION

I made the bar diagram with using the  
Productivity analysis



# MODELLING

**\*Collected from IMB  
DASHBOARD .**

**\*I HAVE THE INFORMATION  
WHICH IS NEED.**

**FEATURE COLLECTION:**

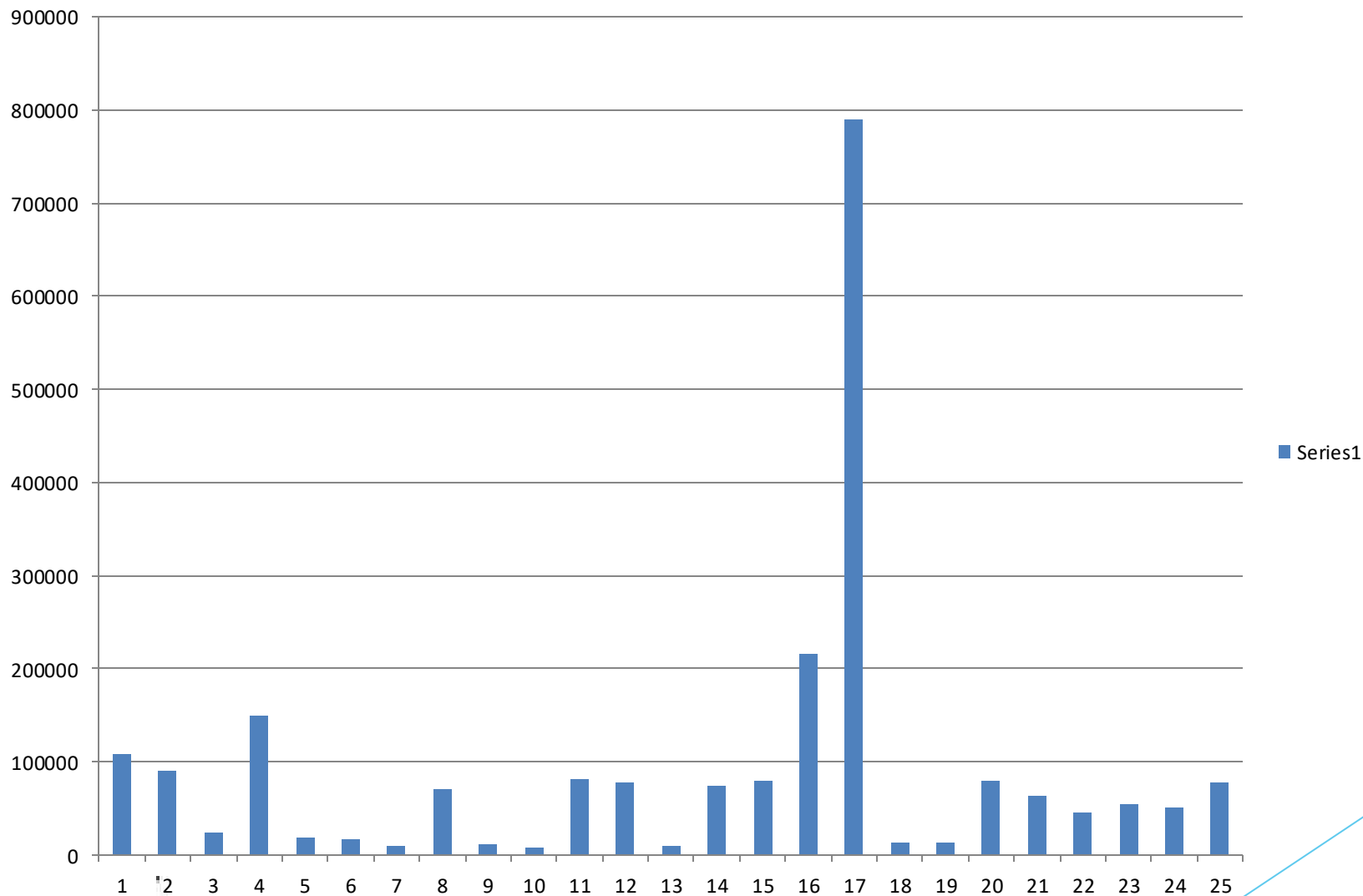
**\*CONDITION FORMATING**

**\*SYMBOLS**

**\*MERGE & CENTER**

**\*BAR - DIAGRAM**

# RESULTS



# **conclusion**

**The employee productivity analysis has provided valuable insights into how various factors impact performance across our organization. Through a comprehensive examination of standardized metrics, real-time monitoring, and employee feedback, we have identified key trends and areas for improvement.**