

EMPLOYEE DATA ANALYSIS USING EXCEL

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PROJECT TITLE

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Employee Gender and Department 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

1. To know the total working population.
2. To know the total number of working male and female.
3. To know the total number of department in the company.



PROJECT OVERVIEW

- I have analysed the gender and department in the company from the data set using various techniques from excel like Creating tables, sorting, filtering and grouping and using pivot tables, slicers etc,...and expressed my result at the end.



WHO ARE THE END USERS?

1. Management of the company
2. Employees
3. Researchers
4. Statistical department

OUR SOLUTION AND ITS VALUE PROPOSITION



I have used various techniques in excel like

- 1. Conditional formatting: for finding the null values.*
- 2. Table: to make look the data in presentable and neat manner.*
- 3. alignment: to center the data so that it will look nice.*

DATASET DESCRIPTION

I have used the data which I collected from Kaggle.com.



Various data which is been used in my project are

- I. Employee id: alpha numeric.*
- II. Name: alphabets.*
- III. Gender: alphabet.*
- IV. Salary: numbers.*
- V. Start date: alpha numeric.*
- VI. Employee type: alphabets.*
- VII. Work location: alphabets.*

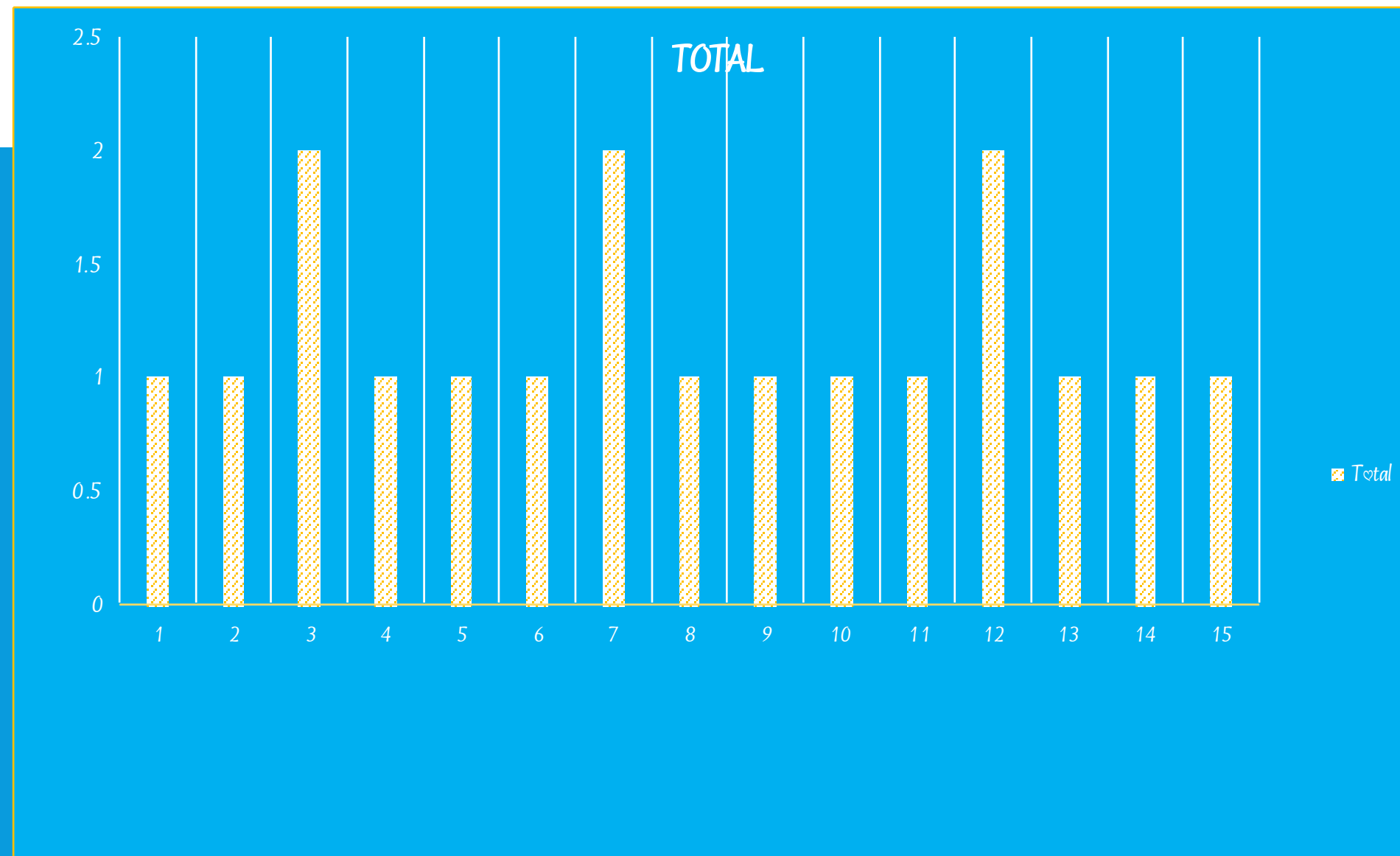
THE "WOW" IN OUR SOLUTION

I have used both the pivot charts and slicers at the same time in data analysis so it makes it easy to understand for the users who uses it.

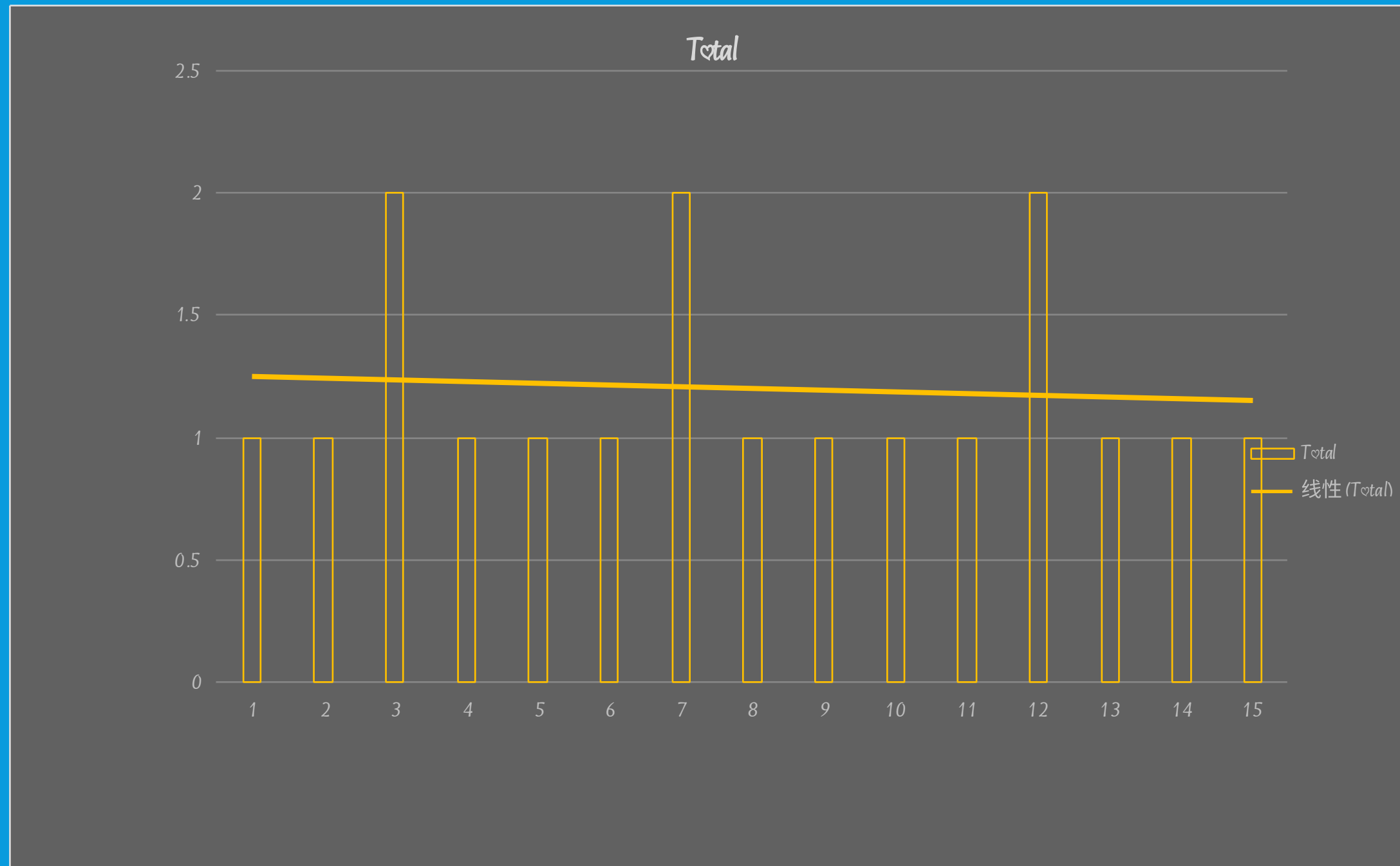


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- a. Collection of data from Kaggle.
 - b. Cleaning unwanted data.
 - c. Selection of data.
 - d. Selection of analysis.(gender and department analysis)
 - e. Use of various techniques from excel (conditional formatting, sorting, filtering, table, pivot table, pivot charts, slicers etc,...
 - f. Finding the results.
 - g. Using the charts and graphs.
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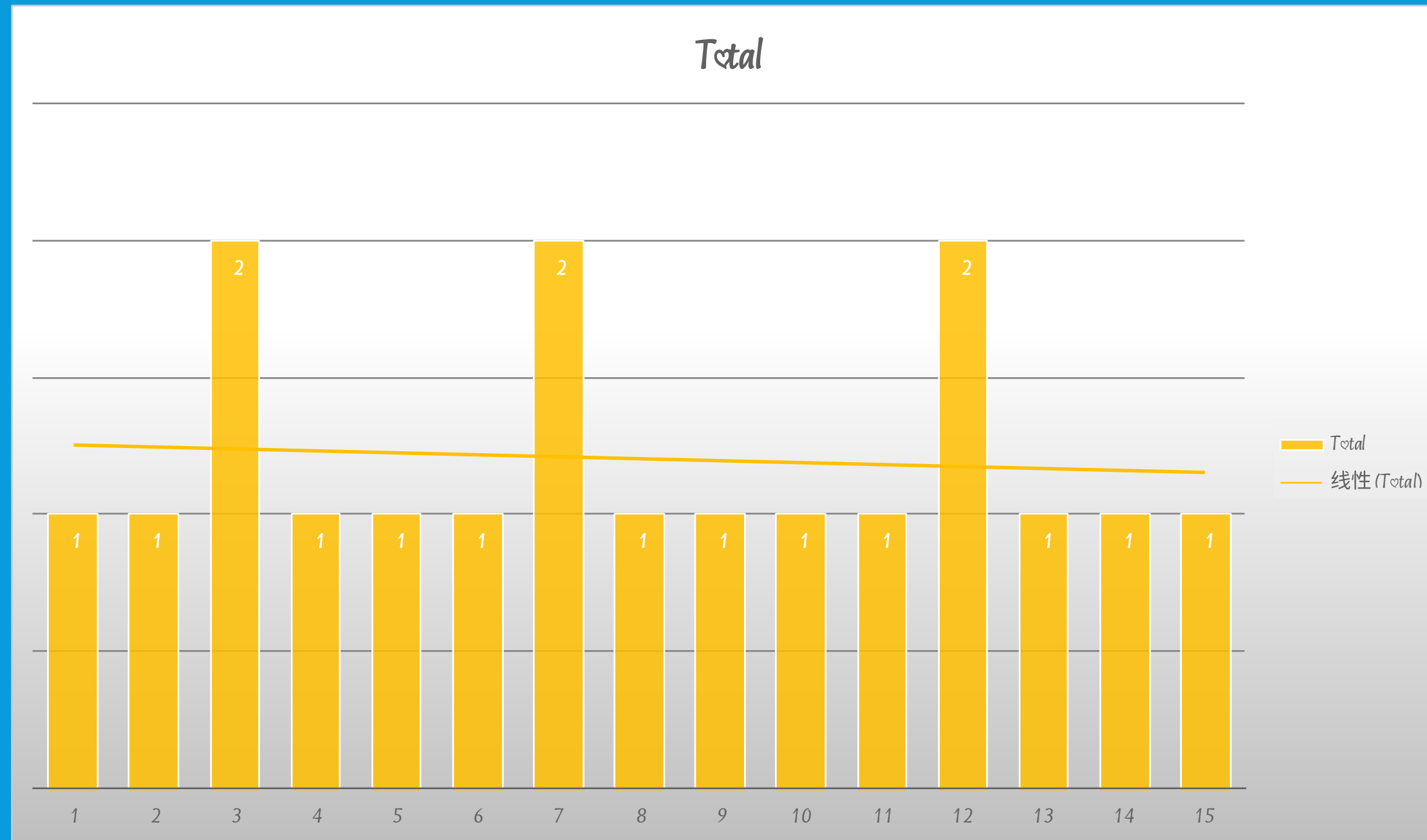
RESULTS



Total number of male employees in sales department of the company.



Total number of female employees in the marketing department of the company.



Total number of male and female candidates in product management department of the company.

CONCLUSION

Finally I here by conclude that in my project the following outcomes:

- 1. With my project we can find the total number of employees.*
- 2. We can find the total number of male and female in the working population of the company.*
- 3. We can also find the total number of department that are operating in the company and division of male and female in the particular department.*
- 4. With all this the company find the requirement of employees in the organisation and recruit according to that.*