

# ASSIGNMENT 4 PARAGON CORPORATION DATASET

DATA VISUALIZATION  
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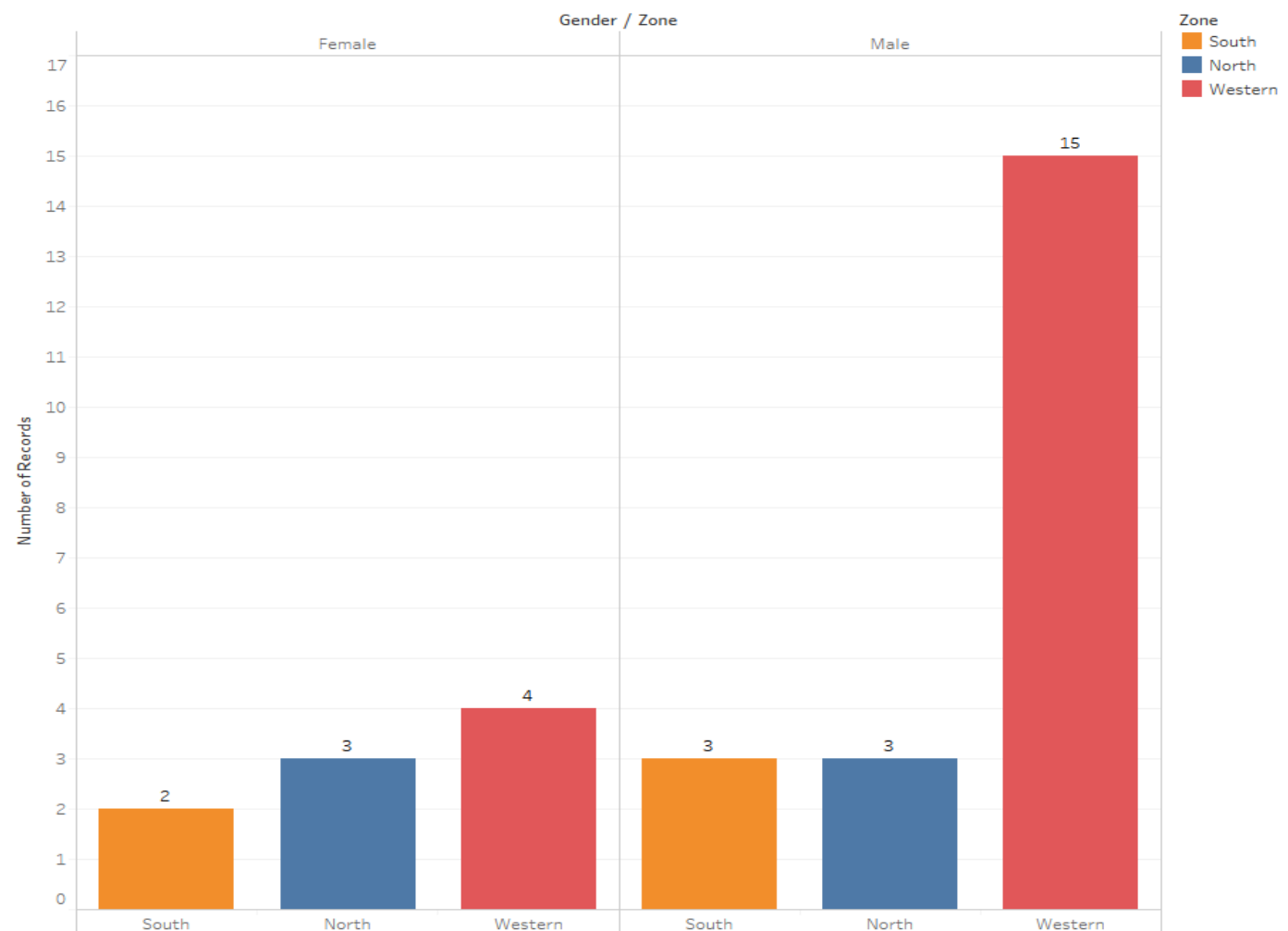
Date: 13-04-2018

*Disclaimer: Dataset was designed for educational purposes. Any reference to real facts or real events is purely coincidental.*

You are the data Analyst at **Paragon Corp.** You have been asked to consider Paragon corp. data and provide analysis. The management team wants to understand the Paragon Corp. overall staff analysis. They need the following:

### 1. Show Gender wise workforce distribution

#### GENDER WISE WORKFORCE DISTRIBUTION



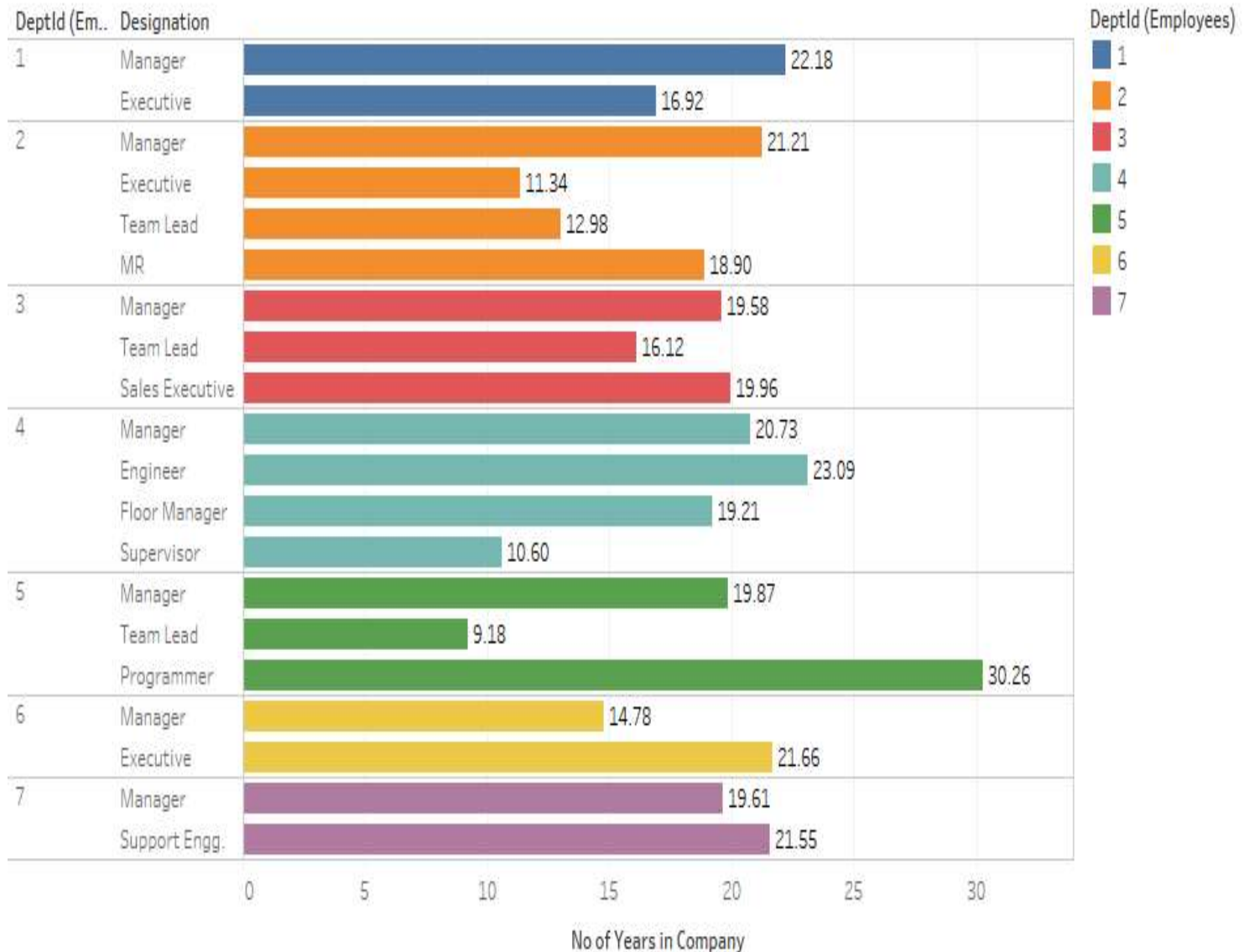
Sum of Number of Records for each Zone broken down by Gender. Color shows details about Zone. The marks are labeled by sum of Number of Records.

#### ➤ Explanation :~

➤ The graph shows how many male and female people are working within company.

## 2. Show Employees having no. of years of experience greater than 8 years.

### EMPLOYEES HAVING NO. OF YEARS OF EXPERIENCE GREATER THAN 8 YEARS.



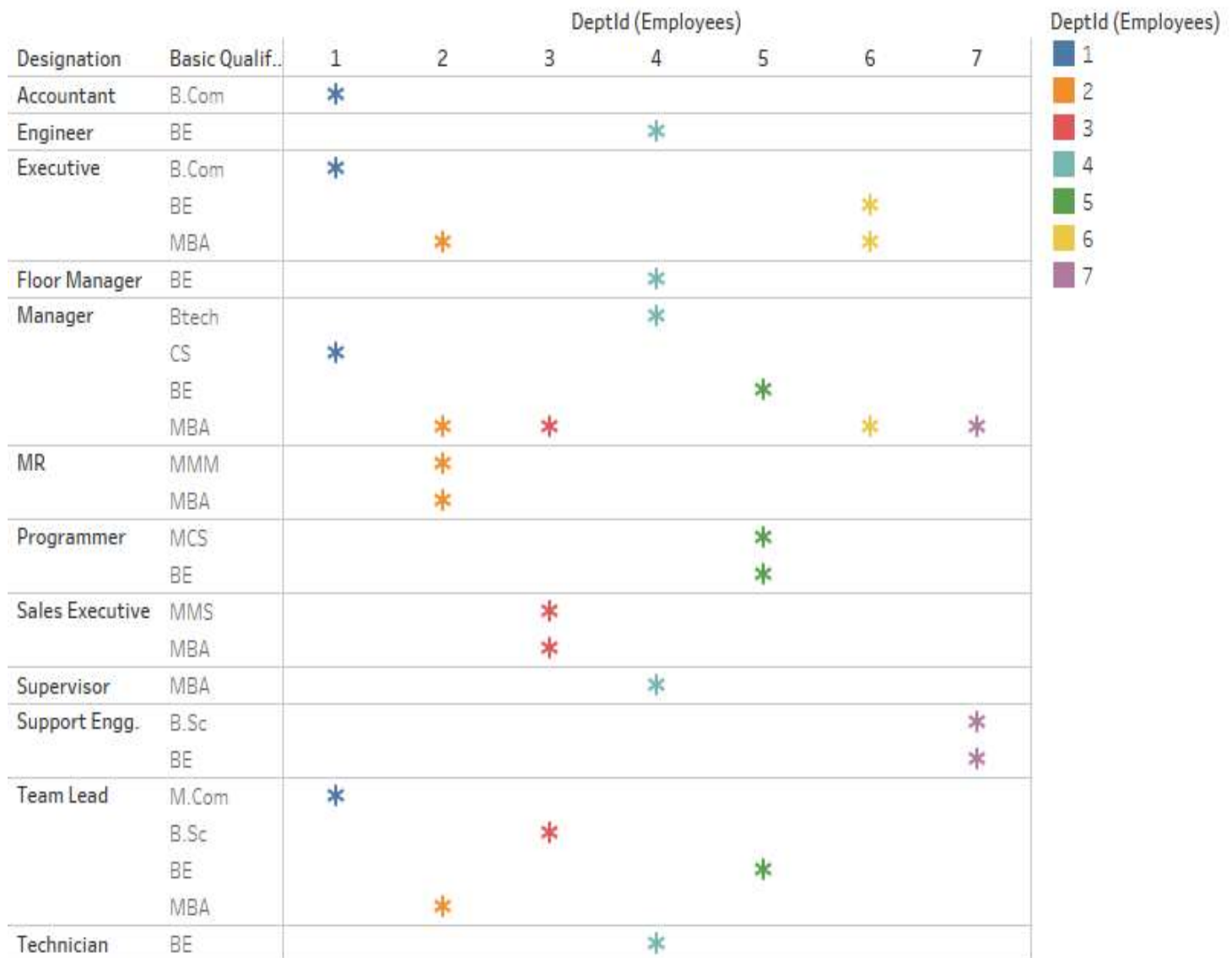
Sum of No of Years in Company for each Designation broken down by DeptId (Employees). Color shows details about DeptId (Employees). The marks are labeled by sum of No of Years in Company. The view is filtered on sum of No of Years in Company, which includes greater than and or equal to 8.10 and keeps Null values.

#### ➤ **Explanation :-**

- In this sum we displayed emp id , Designation and Experience of the Employee. We have applied filter on emp id by choosing no of years in company At least 8 years.

### 3. Show Basic Qualification distribution.

#### BASIC QUALIFICATION DISTRIBUTION



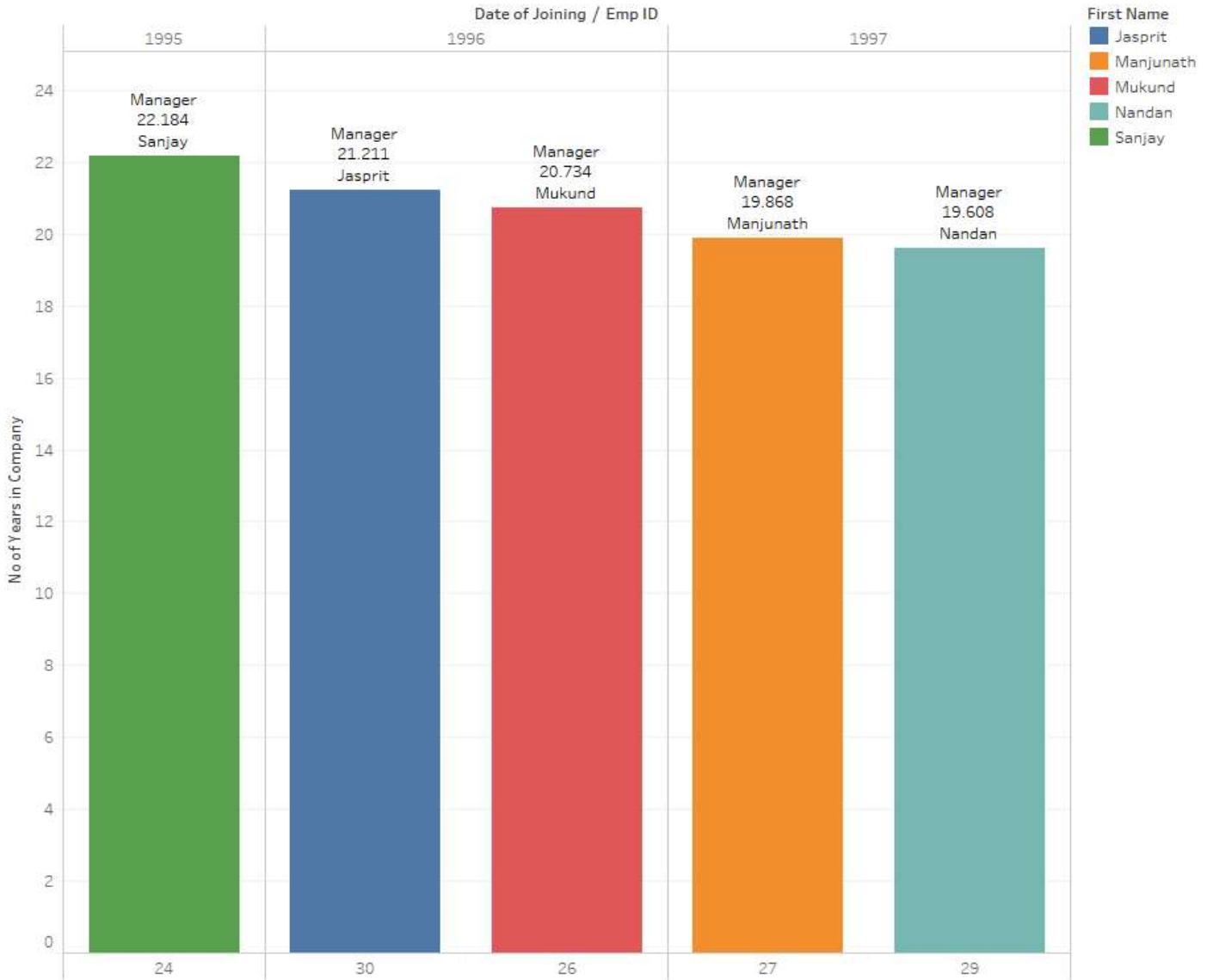
DeptId (Employees) (color) broken down by DeptId (Employees) vs. Designation and Basic Qualification.

#### ➤ Explanation :-

- In this problem we selected symbol chart (\*) because visualization of less number of features becomes easy with symbol chart .moreover here we have given count of basic education as angle so we can understand it more clearly.

#### 4. Show 5 most senior employees.

##### 5 MOST SENIOR EMPLOYEES



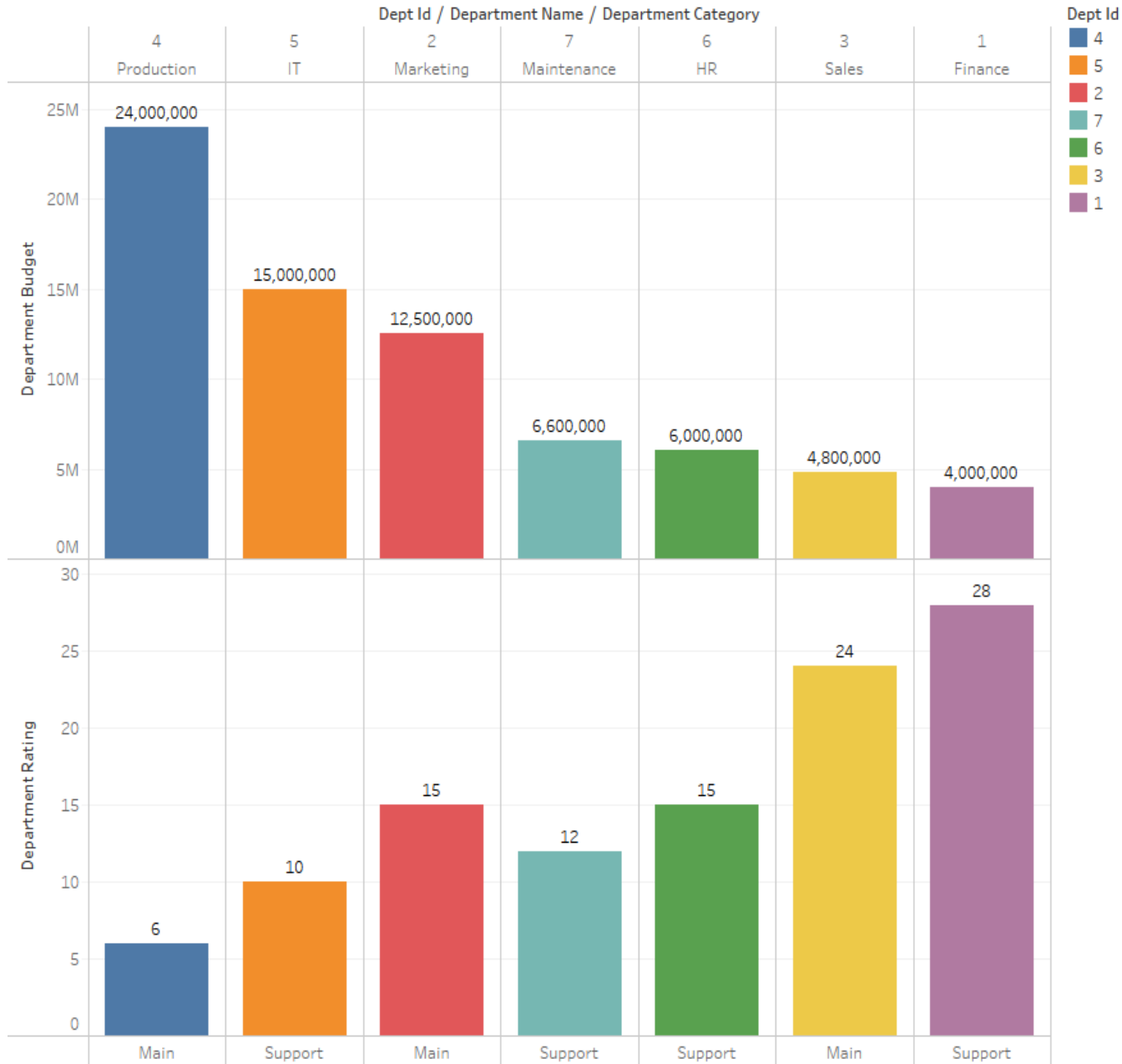
Sum of No of Years in Company for each Emp ID broken down by Date of Joining Year. Color shows details about First Name. The marks are labeled by Designation, sum of No of Years in Company and First Name. The view is filtered on Emp ID, which keeps 24, 26, 27, 29 and 30.

#### ➤ Explanation :-

- In this problem we have selected bar graph to visualize exactly top 5 senior most employees. We have used Emp Id, Designation & First Name. We have selected senior most employees on basis of their Experience.

## 5. Show relation between Department budget and Department ranking.

### RELATION BETWEEN DEPARTMENT BUDGET AND DEPARTMENT RANKING



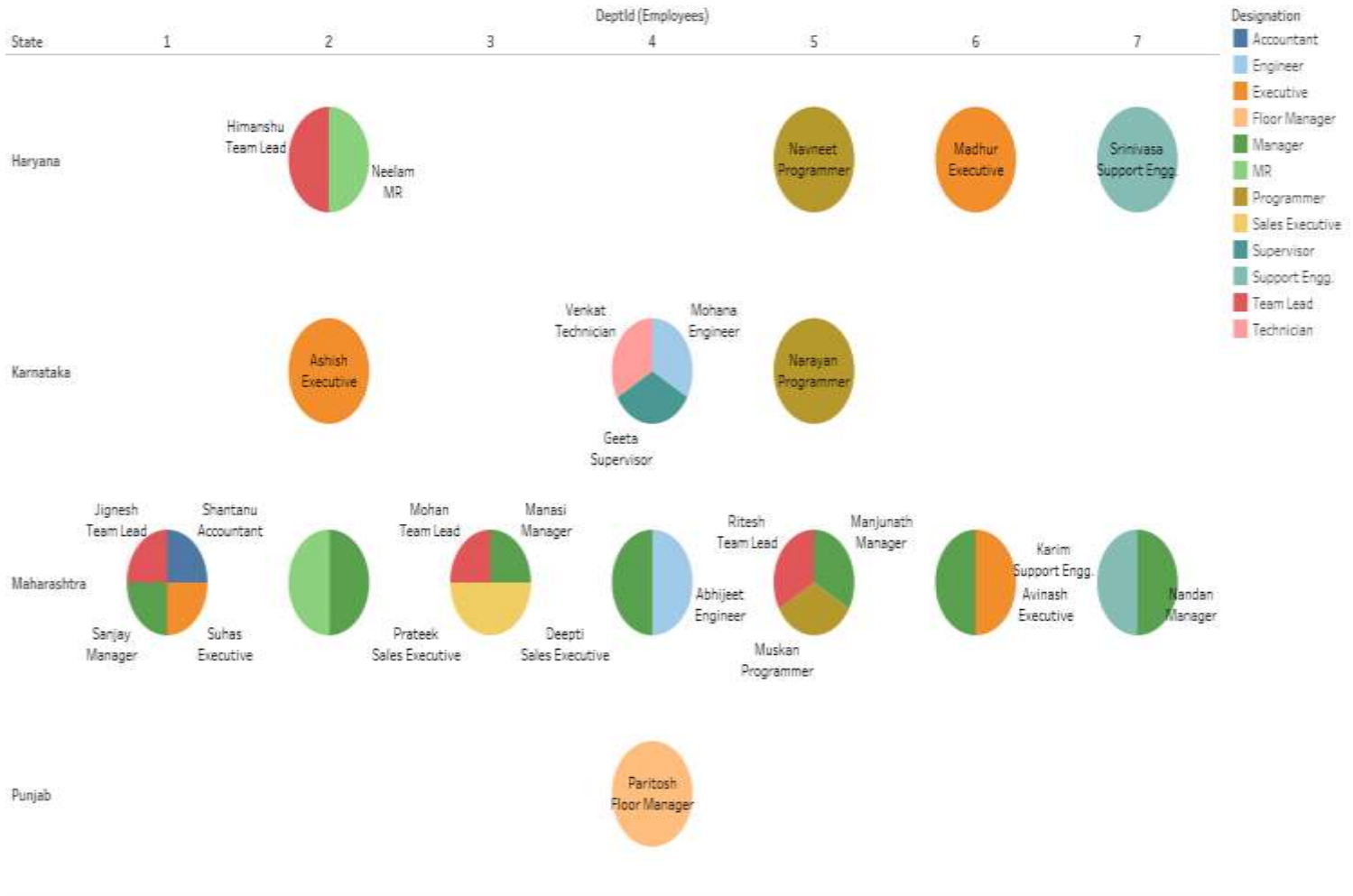
Sum of Department Budget and sum of Department Rating for each Department Category broken down by Dept Id and Department Name. Color shows details about Dept Id. For pane Sum of Department Budget: The marks are labeled by sum of Department Budget. For pane Sum of Department Rating: The marks are labeled by sum of Department Rating.

### ➤ Explanation :-

➤ In this problem we have used bar chart so that comparison becomes easy.

## 6. Show State wise distribution of employees.

STATE WISE DISTRIBUTION OF EMPLOYEES.



First Name and Designation broken down by DeptId (Employees) vs. State. Color shows details about Designation. The marks are labeled by First Name and Designation.

### ➤ Explanation :-

- In case of distribution selecting pie chart is suitable because it becomes easy to visualize things. For that we used States, First Name & their Designation also. Moreover we have given angle as count of states to understand the distribution more clearly.