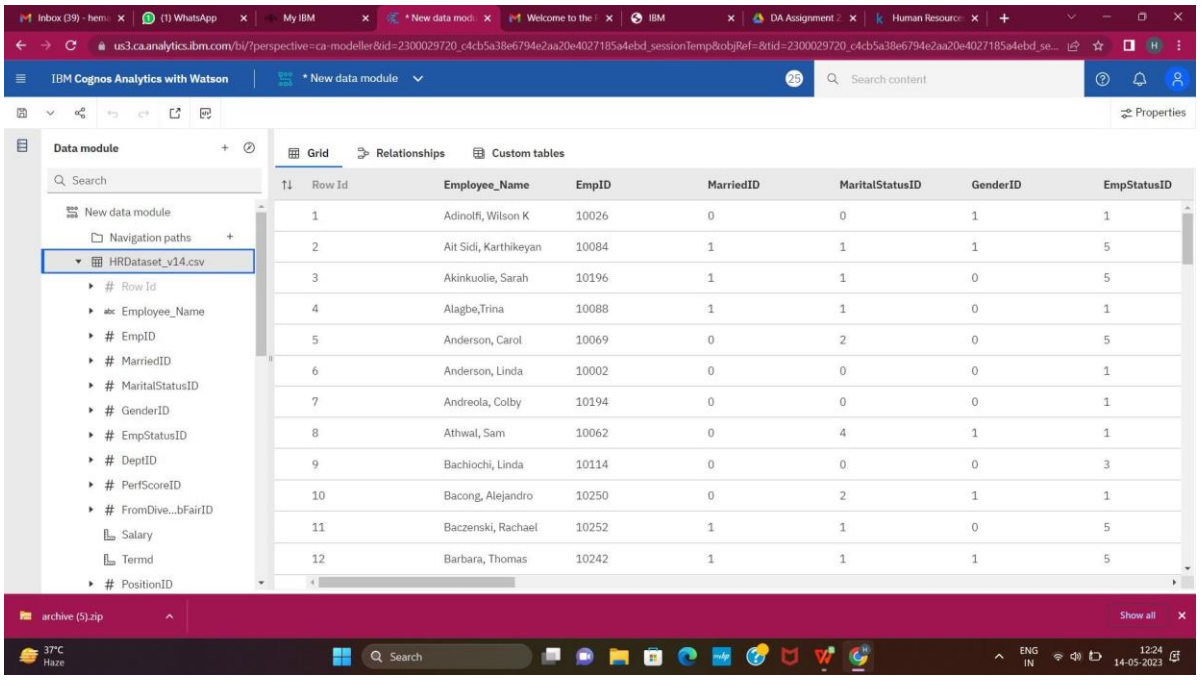
**Assignment-2**

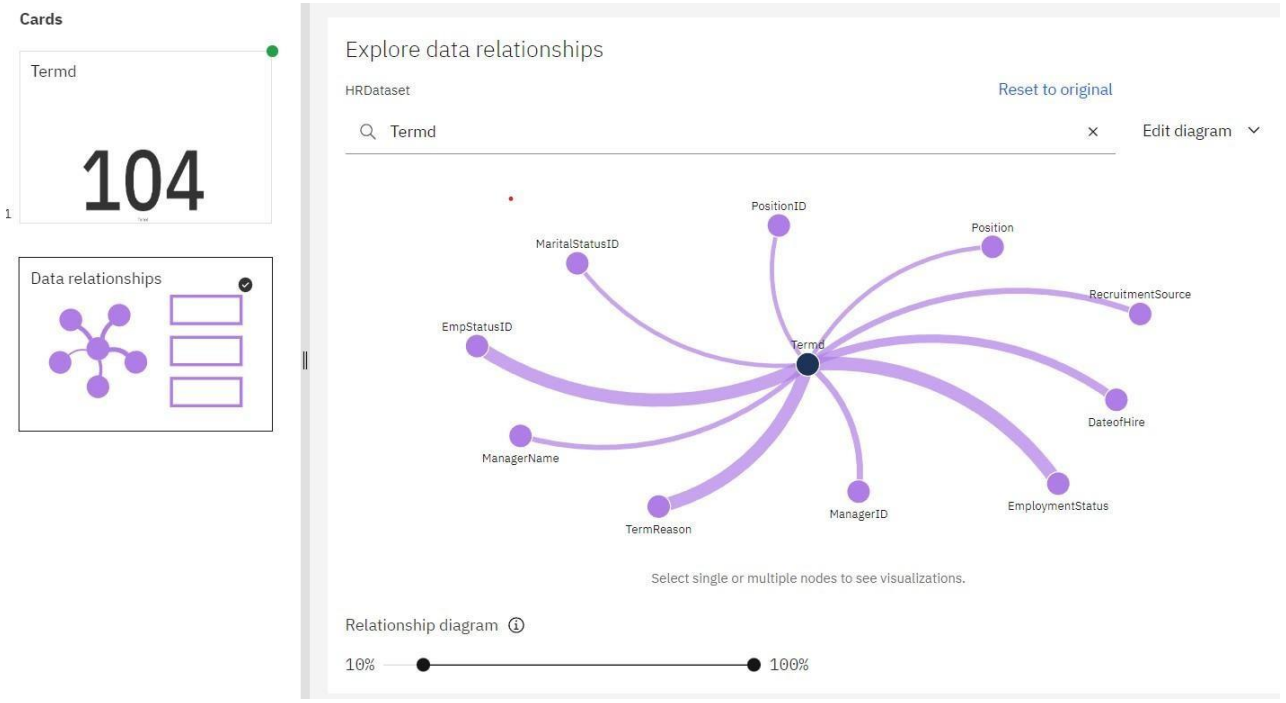
| | |
|---|---|
| **ASSIGNMENT DATE** | 16-05-2023 |
| **STUDENT NAME** | Sujitha S |
| **STUDENT ROLL NUMBER** | 310120205056 |
| **MAXIMUM MARKS** | 2 Marks |

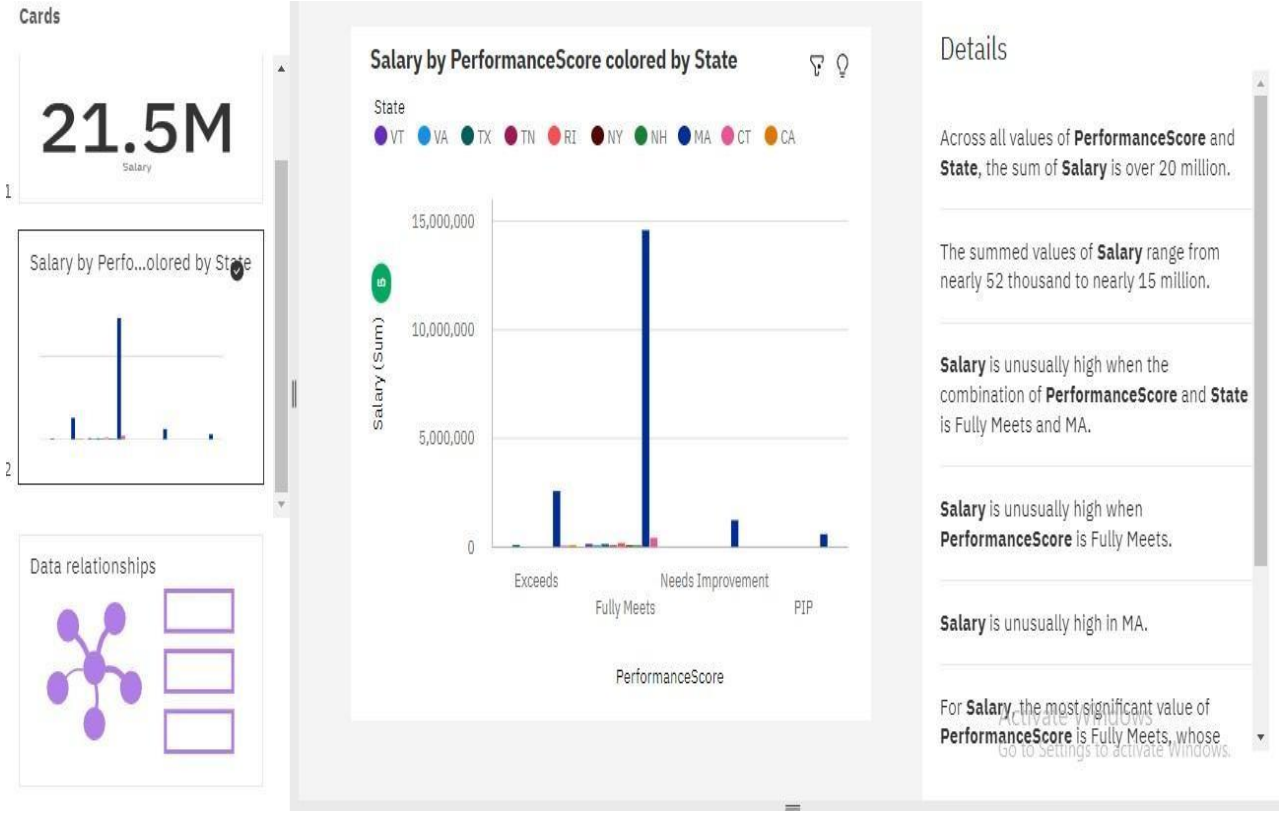
# HR DATA ANALYTICS

## Data module:

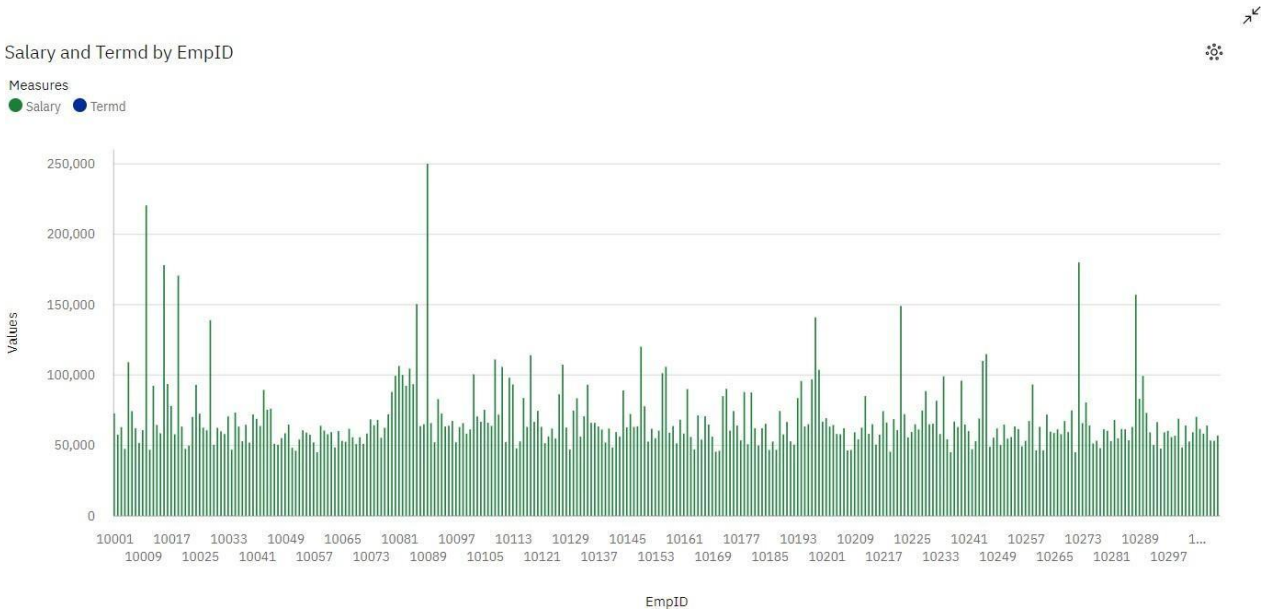


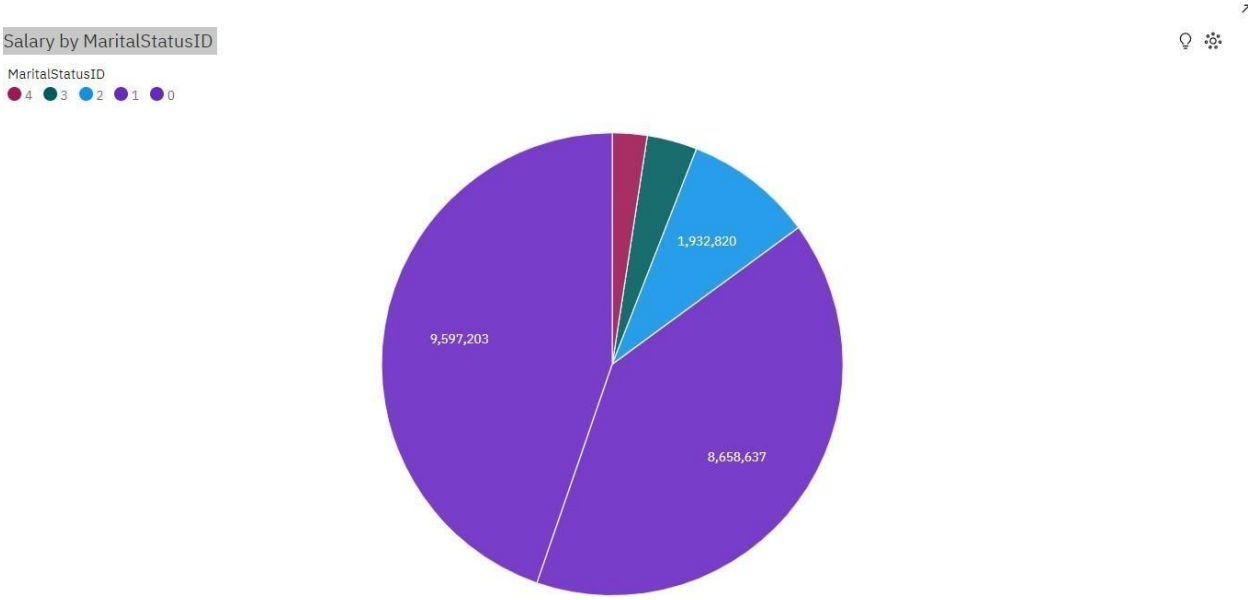
# DATA EXPLORATION:



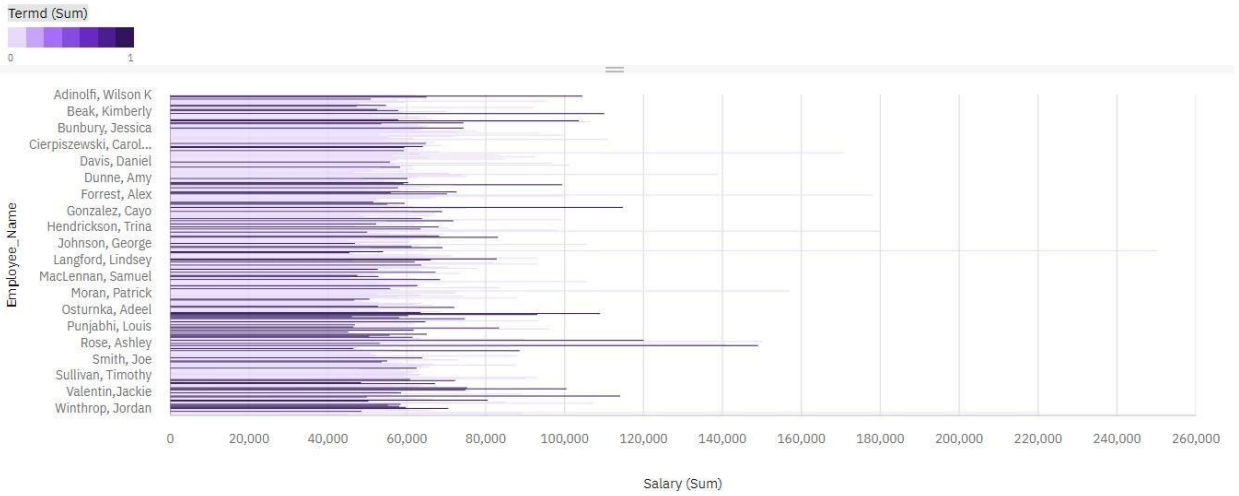



# DATA VISUALIZATION:

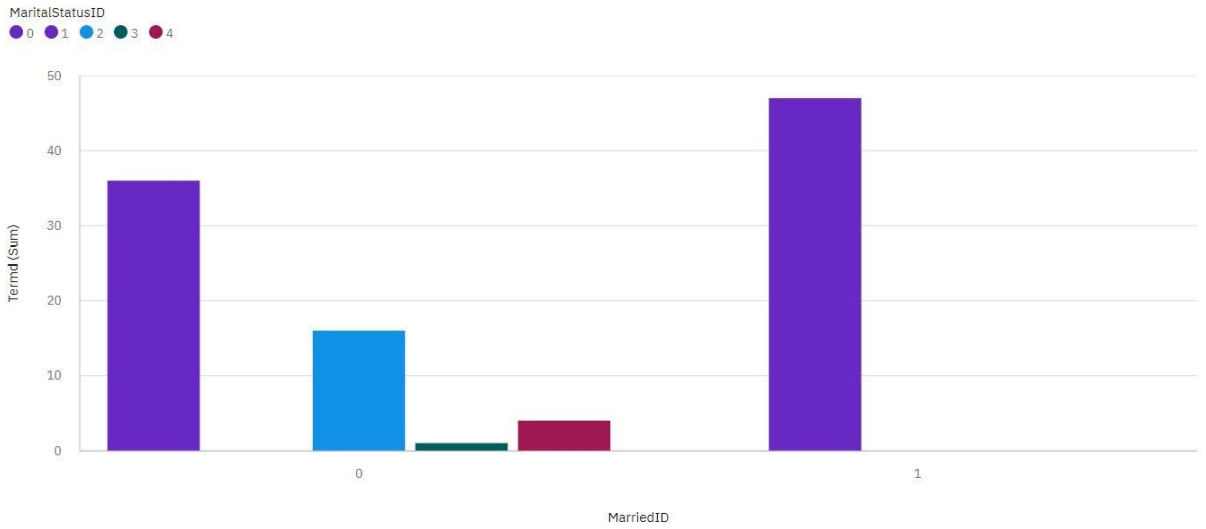


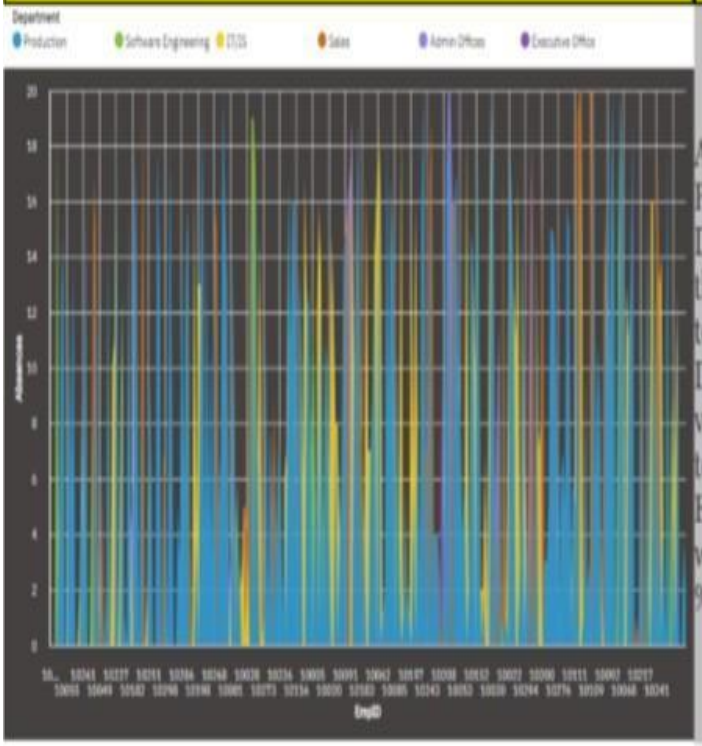
Salary by Employee_Name colored by Termd

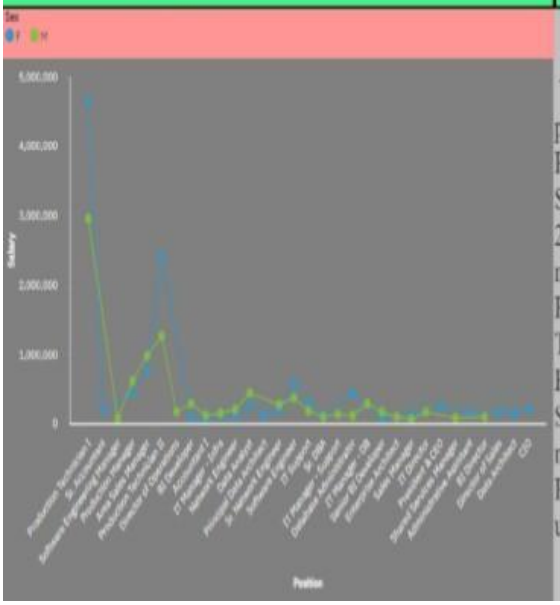



Termd by MarriedID colored by MaritalStatusID



REPORT:

| Absence analysis based on department | Analytics |
| --- | --- |
|  | Absences is unusually high when Department is Production.Across all values of EmpID and Department, the sum of Absences is over three thousand.The summed values of Absences range from 1 to 20.For Absences, the most significant value of Department is Production, whose respective Absences values add up to over two thousand, or 66.6 % of the total.For Absences, the most significant values of EmpID are 10093, 10095, 10302, 10074, and 10061, whose respective Absences values add up to 100, or 3.1 % of the total |

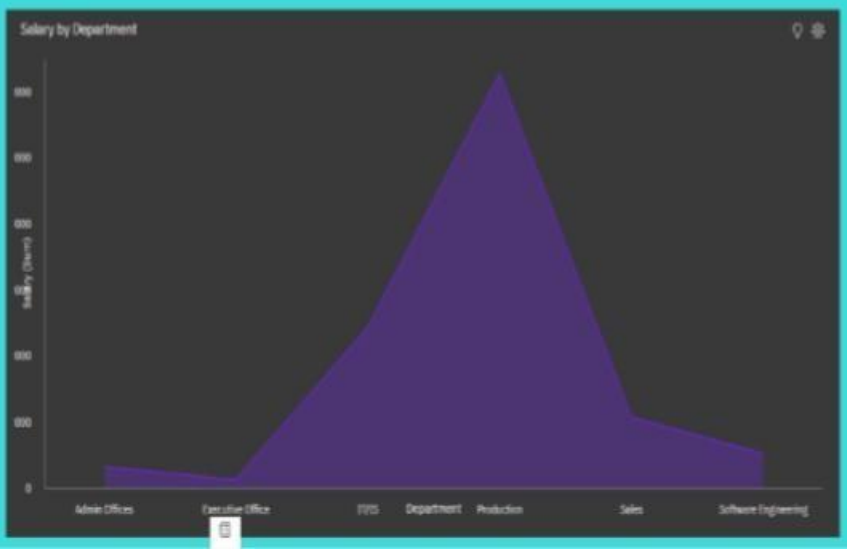
| Salary Based on position | Analytics |
| --- | --- |
|  | The average salary is 644,640. The maximum salary is given to president & CEO ,which is 250000. Salary is unusually high when Position is Production Technician I, Production Technician II and Area Sales Manager.Across all positions and sexes, the sum of Salary is over 21 million.The summed values of Salary range from 63 thousand to nearly 4.7 million.Salary is unusually high when the combinations of Position and Sex are Production Technician I and Female, Production Technician I and M, Production Technician II and Female and Production Technician II and M.For Salary, the most significant value of Sex is Female, whose respective Salary values add up to almost 12 million, or 55.6 % of the total.For Salary, the most significant value of Position is Production Technician I, whose respective Salary values add up to over 7.6 million, or 35.4 % of the total |

DATA STORY:

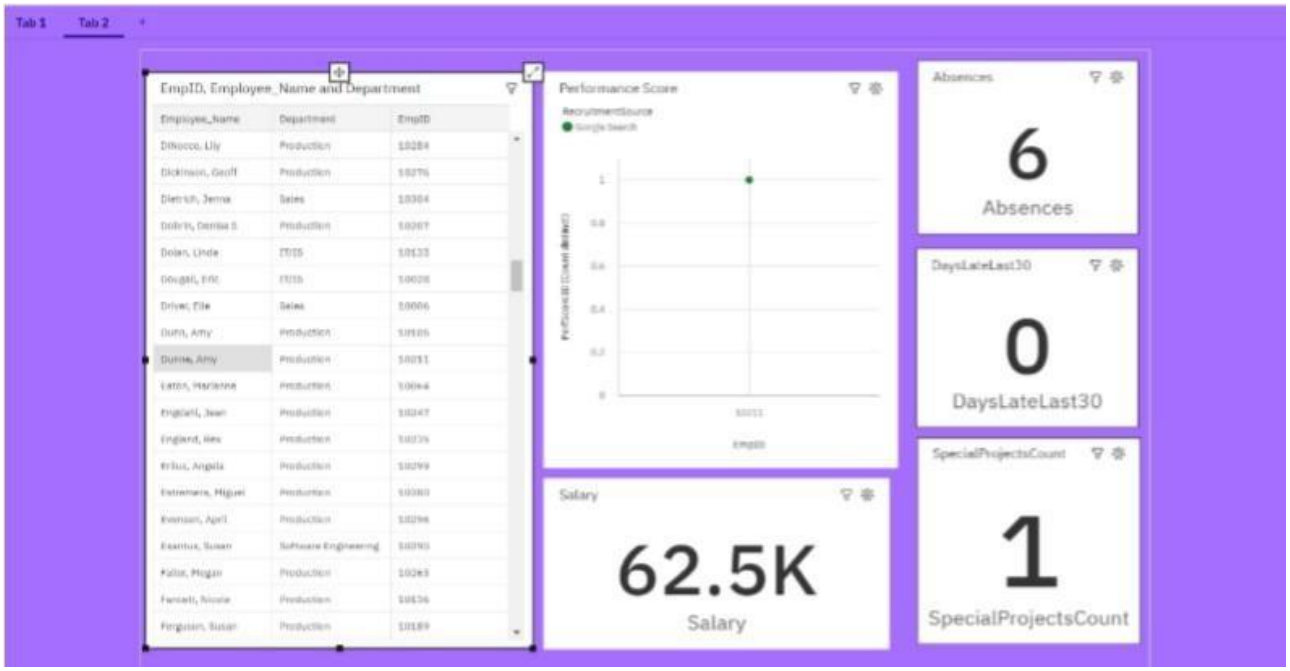
Comparison of salary with various factor

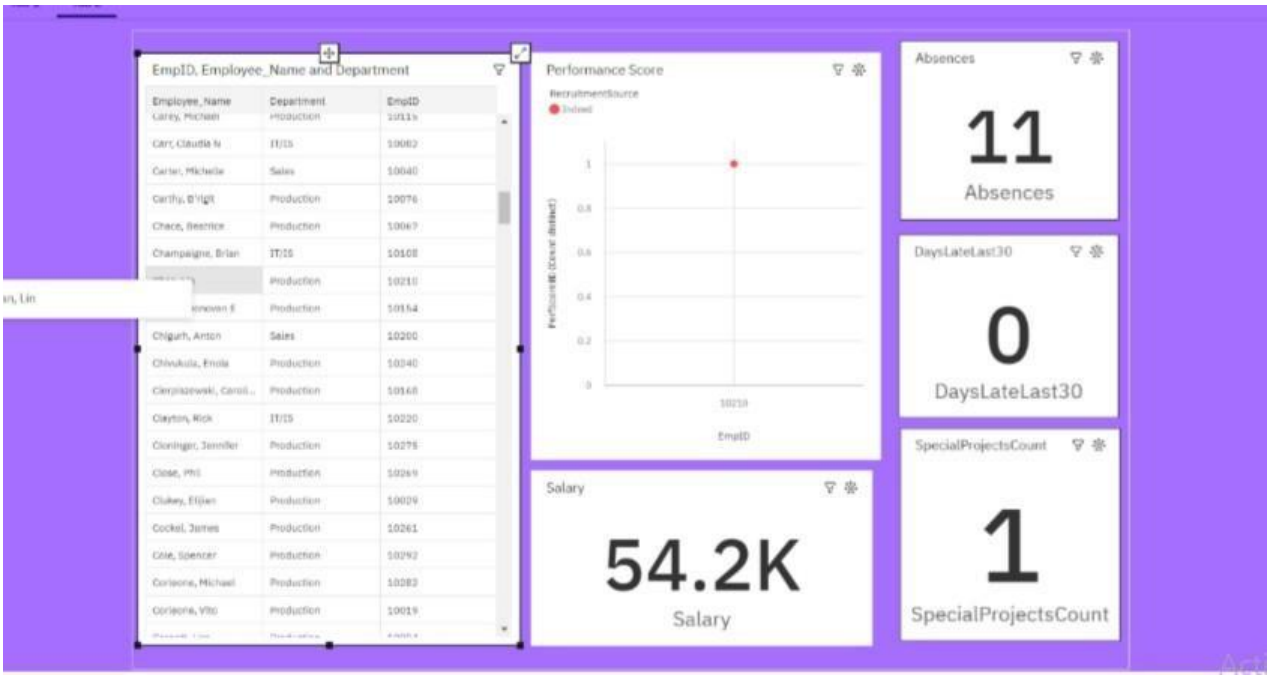
# Salary by Department

- Area Chart shows the salary by department
- Salary is unusually high when Department is Production.
- Across all departments, the sum of Salary is over 21 million.
- Salary ranges from 250 thousand, when Department is Executive Office, to nearly 13 million, when Department is Production.




DASHBOARD:


Tab 1
Tab 2
EmpID, Employee_Name and Department
Employee_Name
Department
EmpID
Performance Score
RecruitmentSource
Absences
6
Absences
DaysLateLast30
0
DaysLateLast30
SpecialProjectsCount
1
SpecialProjectsCount
Salary
62.5K
Salary


EmpID, Employee_Name and Department
Employee_Name
Department
EmpID
Performance Score
RecruitmentSource
Absences
11
Absences
DaysLateLast30
0
DaysLateLast30
SpecialProjectsCount
1
SpecialProjectsCount
Salary
54.2K
Salary