Assignment-2

Name:-   R Sujith

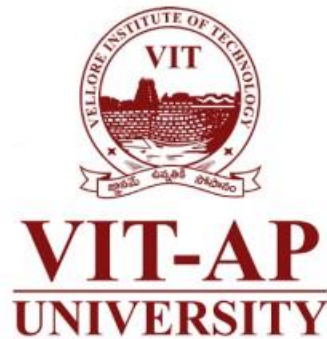**Reg No:-**   21BCE7696

Course:-   Data Analytics collaboration with ibm

Cognos
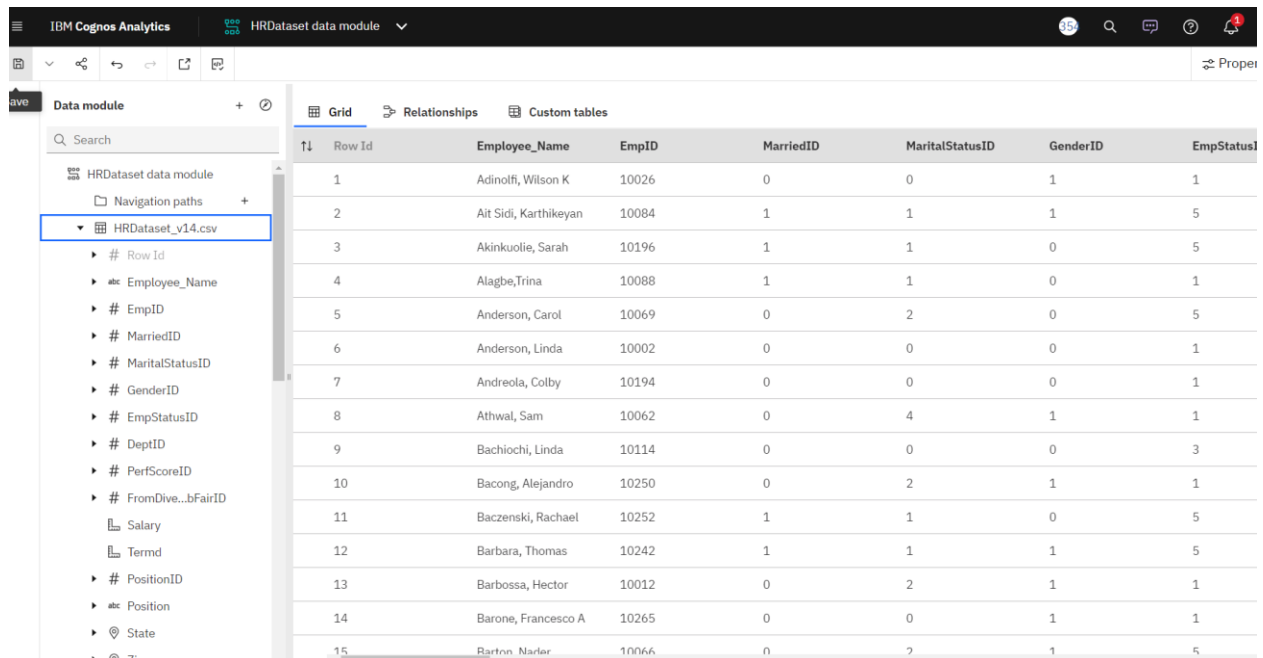
Branch:-   VIT-AP(Amravati)

Upload the dataset to Cognos Analytics, prepare the data, explore and Create Interactive Dashboard, Report and Story.

This is the HR Dataset module

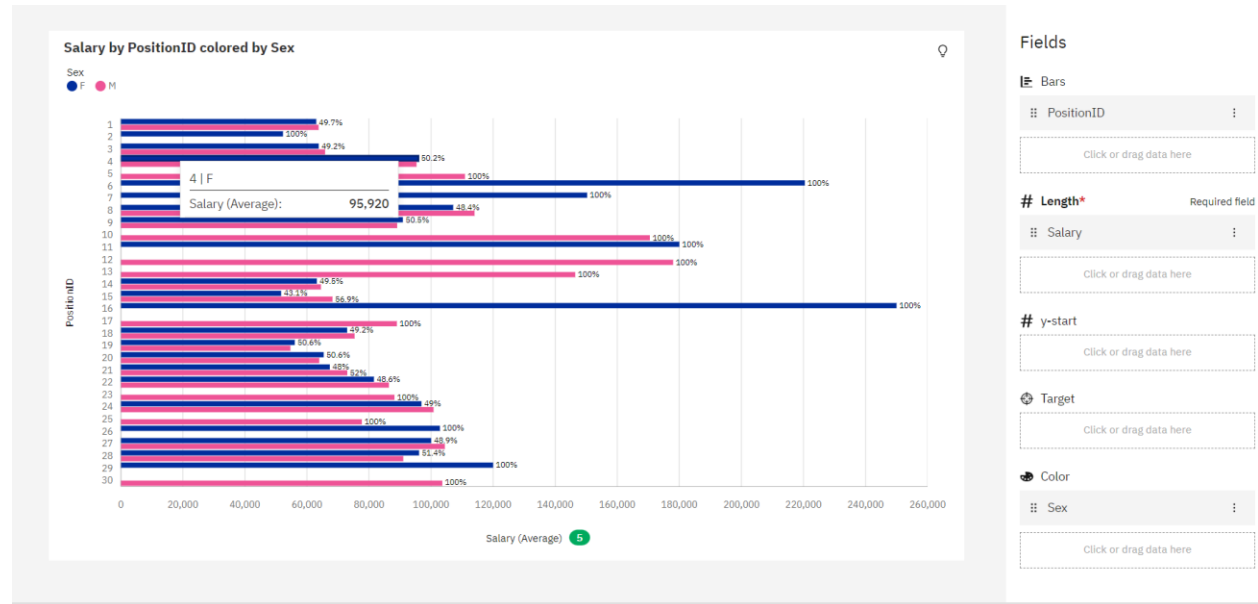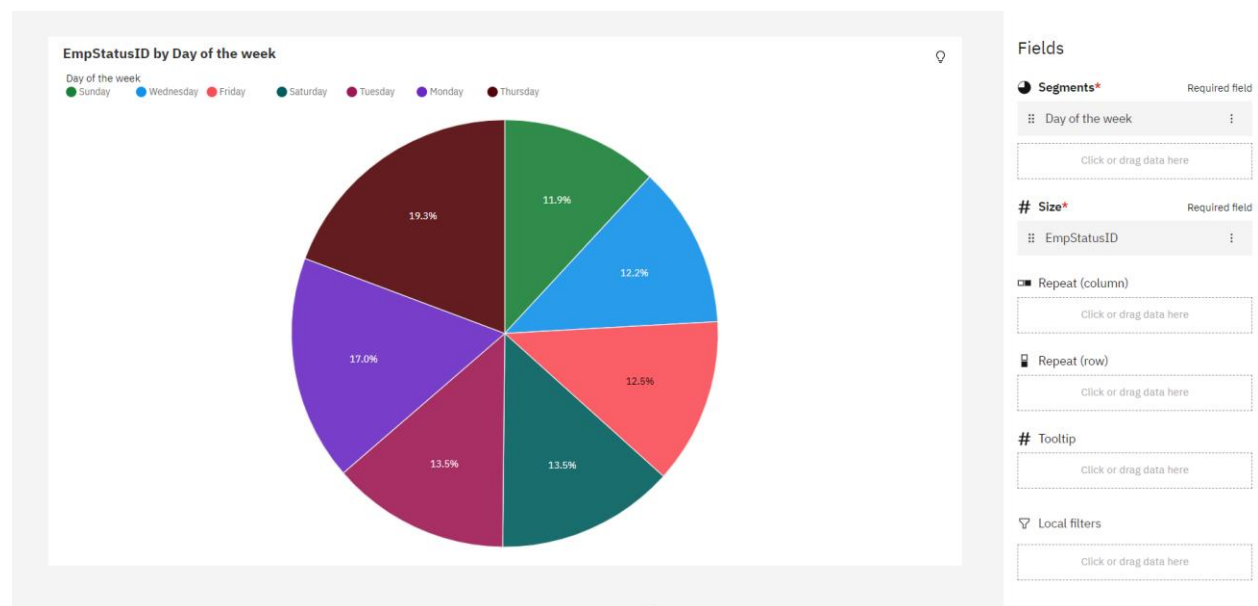**First, we upload the dataset and add to the data module for changes or some operations.**
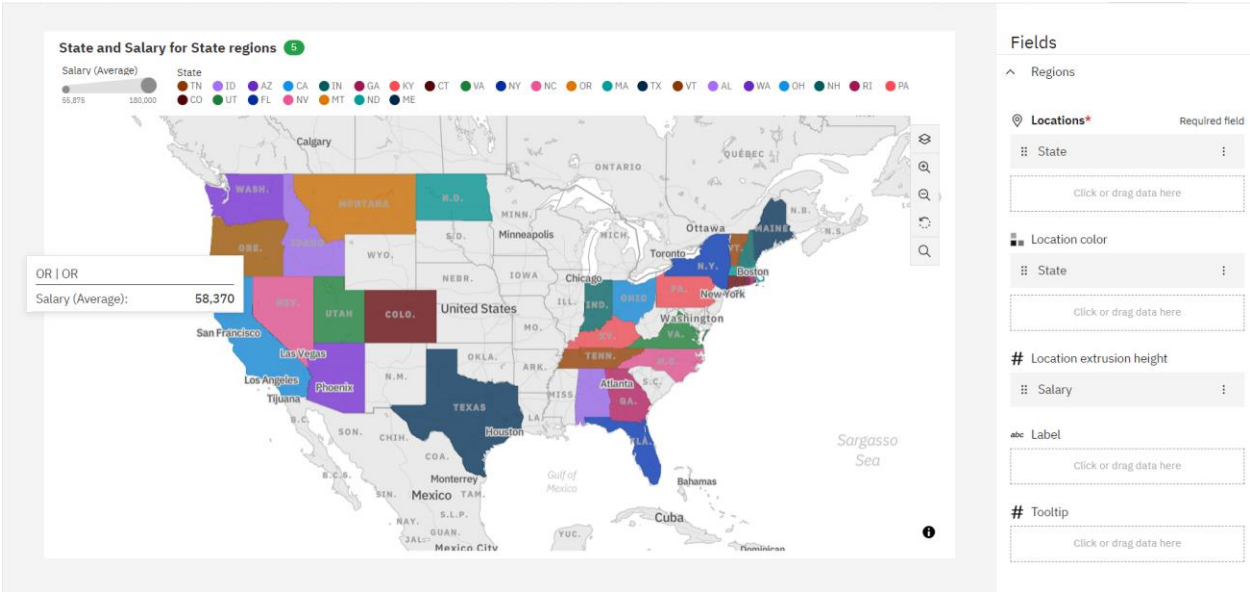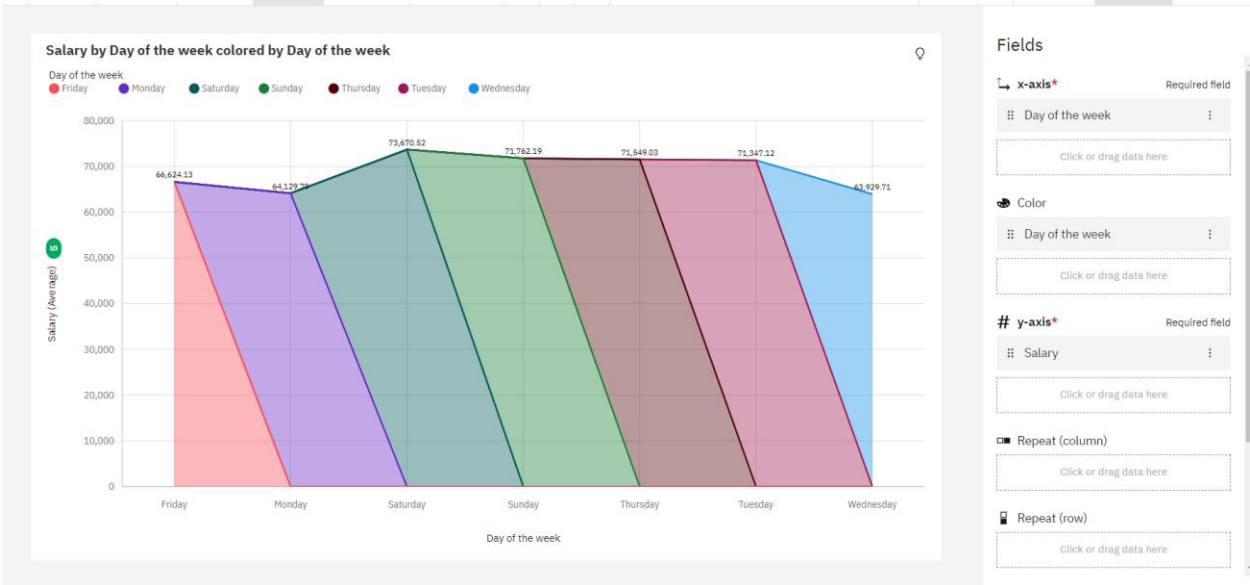
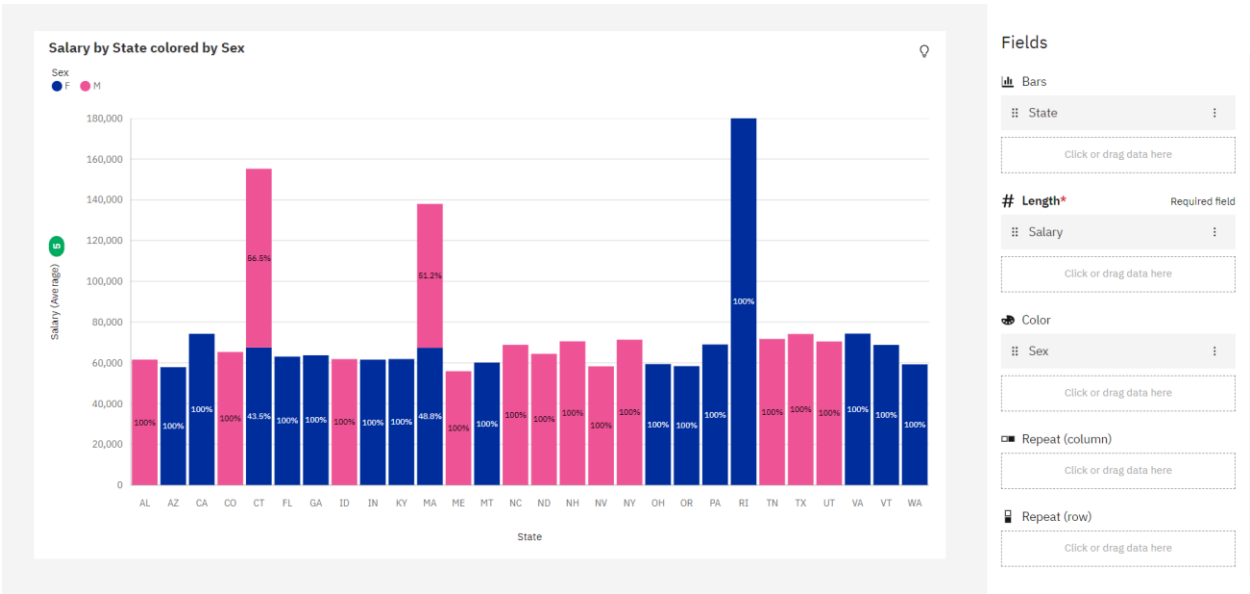**Bar Chart:-**

Pie Chart: -
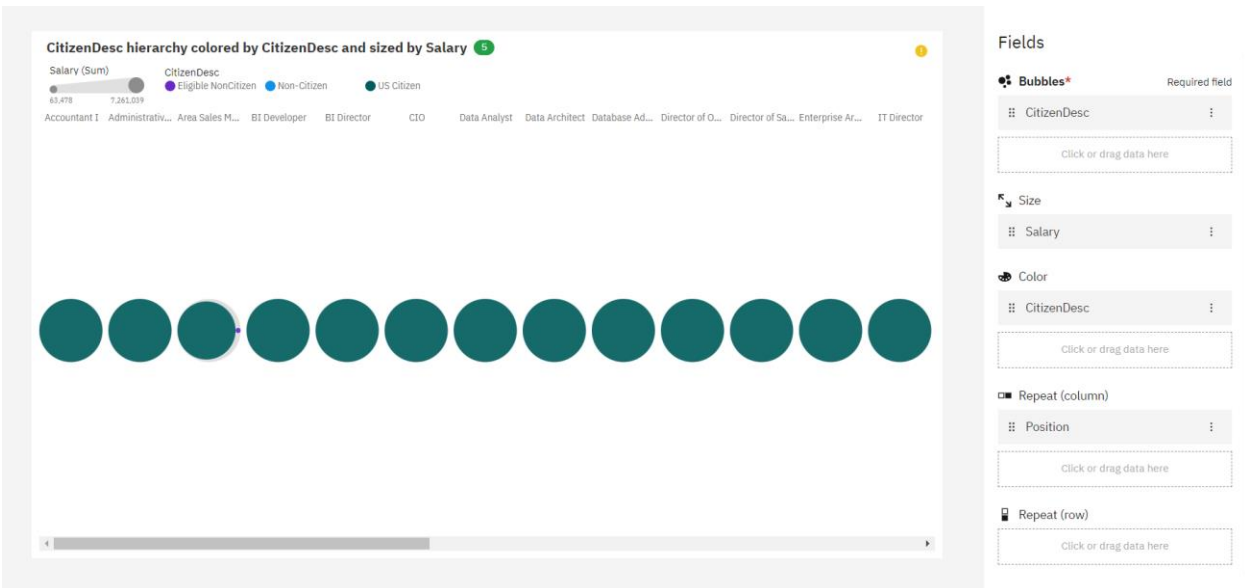
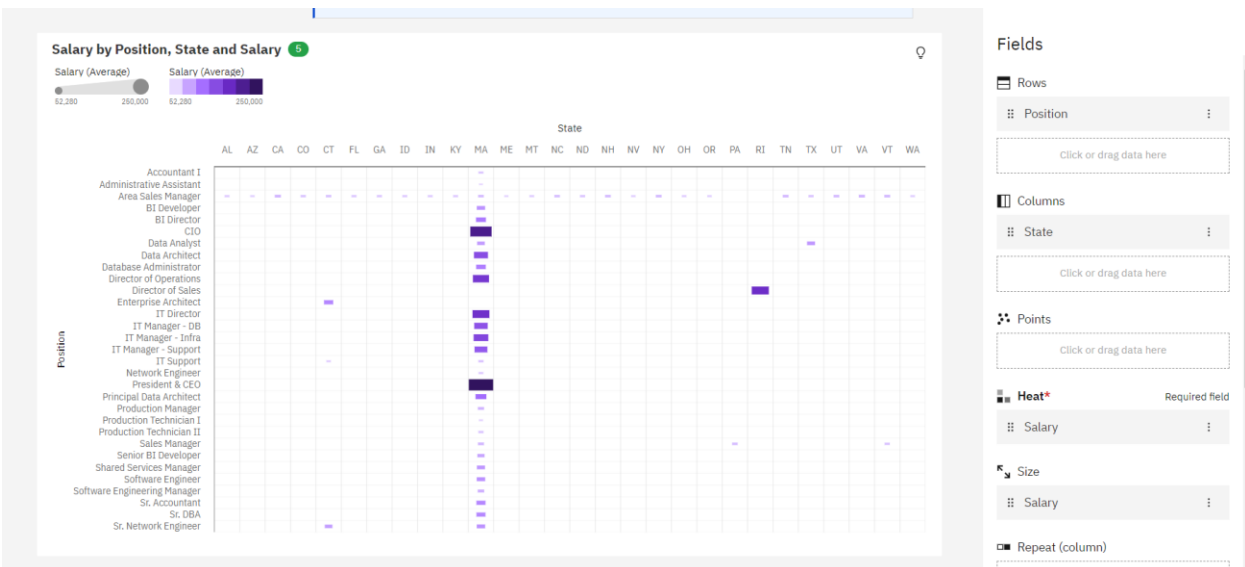# Map Chart: -

Area Chart: -

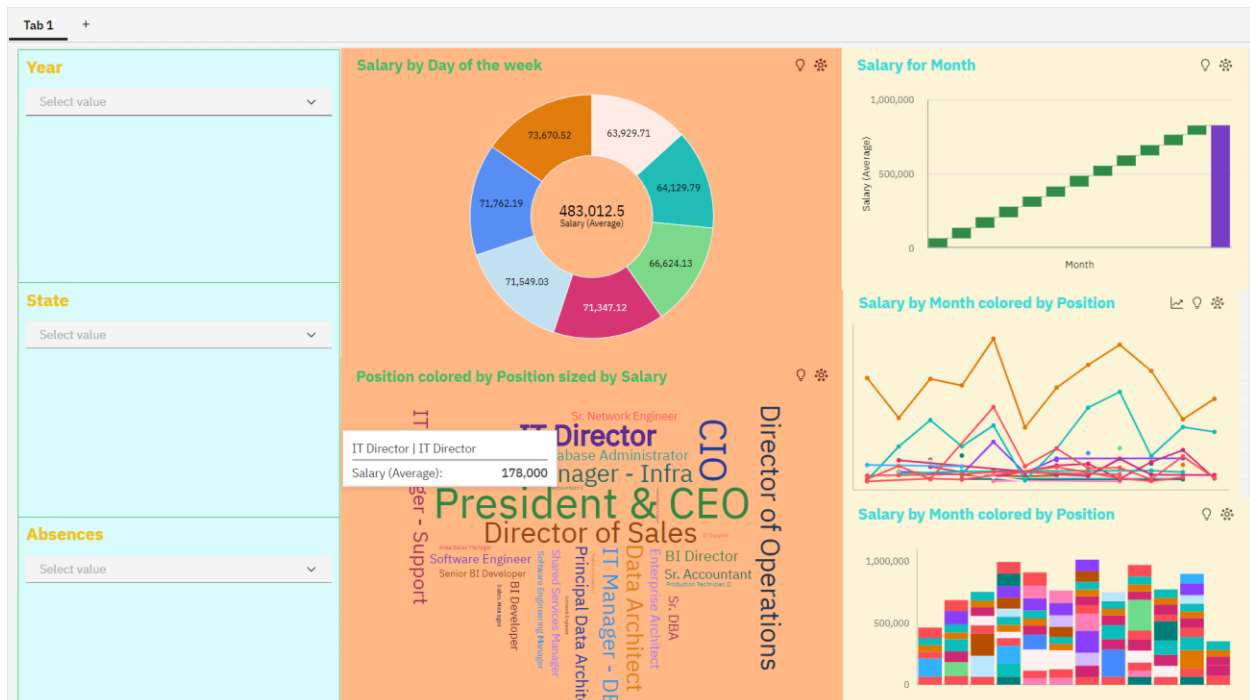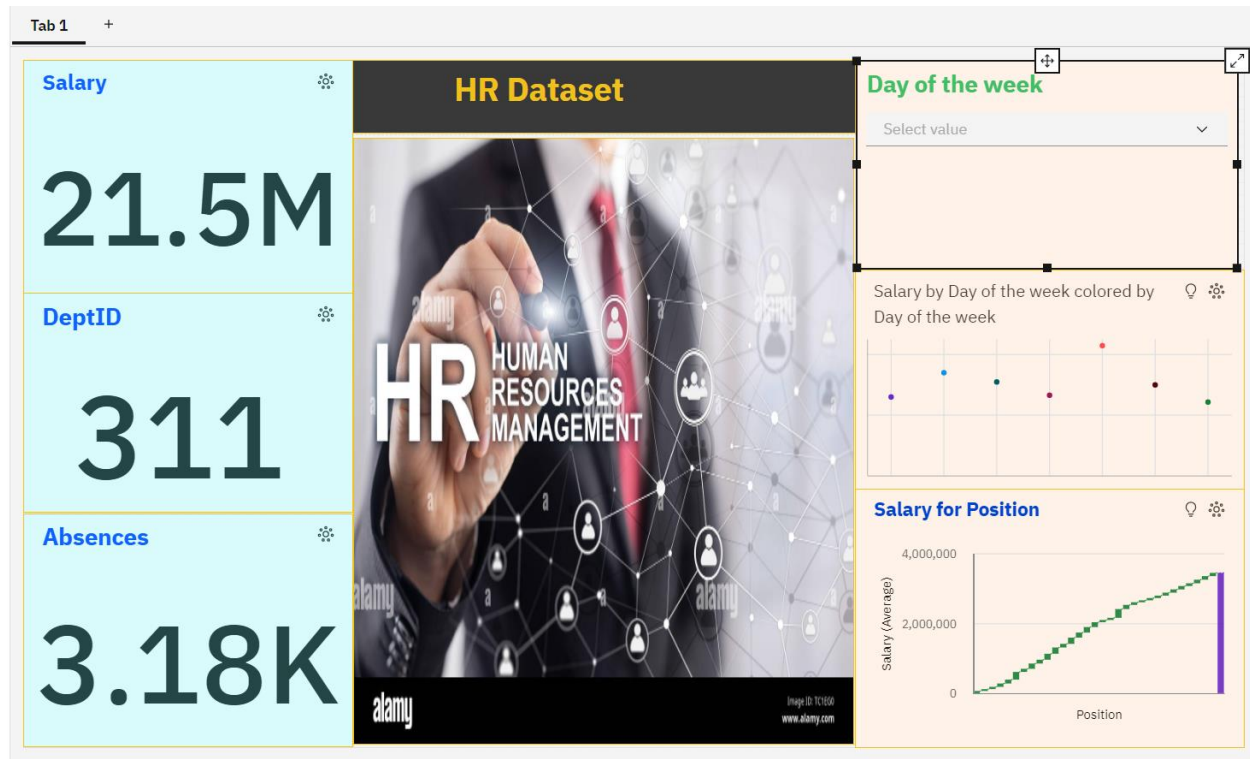# Stacked Column Chart: -
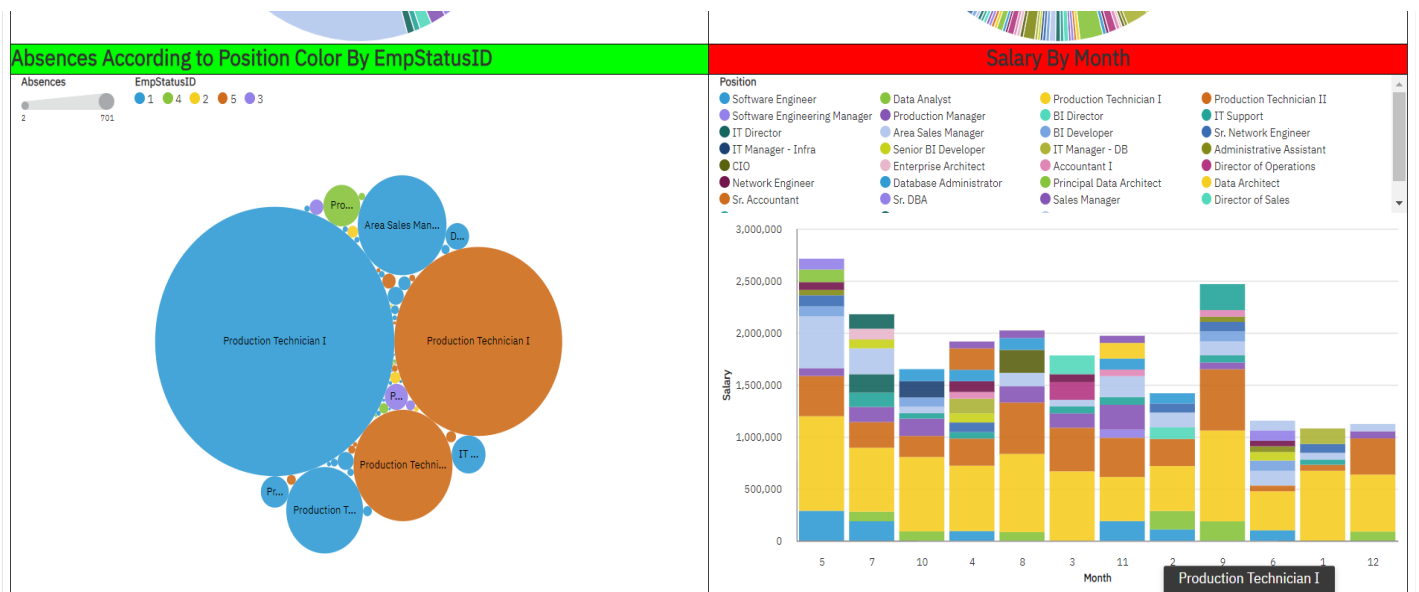

Radial Chart: -

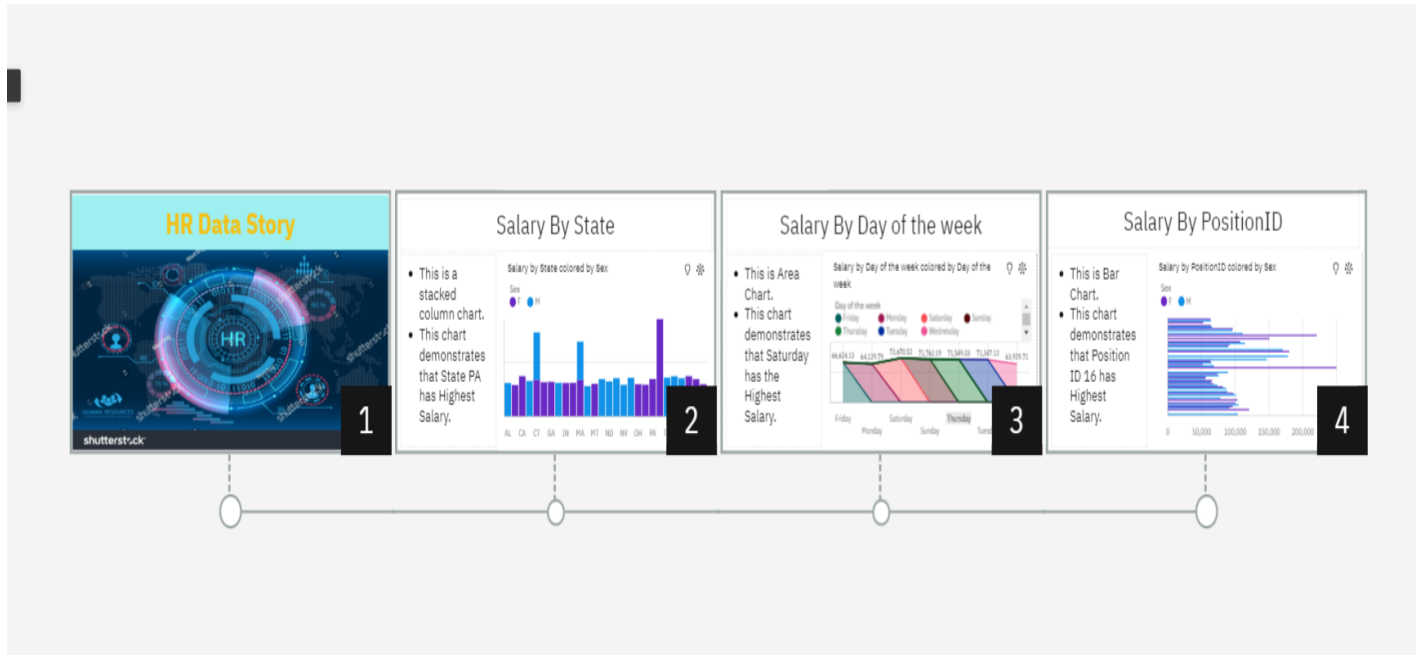# Hierarchy Bubble Chart: -

Heat Map Chart: -

Dash Board: -

Report:-

Salary According to Position

Position

- Production Technician I
- Accountant I
- Data Architect
- Production Manager
- IT Manager - Support
- BI Director
- IT Manager - DB
- Sr. DBA
- Network Engineer
- Production Technician II
- Software Engineering Manager
- Shared Services Manager
- Administrative Assistant
- Area Sales Manager
- Data Analyst
- President & CEO
- IT Support
- Director of Operations
- Software Engineer
- Senior BI Developer
- Sr. Network Engineer
- Sr. Accountant
- Principal Data Architect
- Database Administrator
- Sales Manager
- Enterprise Architect
- IT Manager - Infra
- BI Developer

Pie chart values: 7,606,812 · 1,753,179 · 967,192 · 1,054,122 · 3,698,856

Salary By Zip

Zip

1810, 2169, 2110, 2747, 2050, 2145, 1915, 2452, 2468, 1901, 1701, 1450, 2134, 1803, 2189, 2458, 90007, 2129, 1824, 2324, 2155, 6040, 43050, 2127, 37129, 3062, 1778, 2301, 2446, 1887, 80820, 78789, 2453, 2421, 30428, 2152, 33174, 2478, 40220, 2154, 2360, 2140, 58782, 2124, 2302, 1886, 1844, 2062, 2026, 2210, 2043, 1845, 1775, 2044, 1821, 6278, 2176, 36006, 98052, 2125, 1731, 1749, 2133, 2143, 1460, 6050, 1905, 46204, 1864, 2493, 19444, 2048, 1776, 84111, 1770, 6070, 1938, 1550, 2056, 1040, 27229, 83706, 1420, 2191

Pie chart values: 417,478 · 303,920 · 992,196

Absences According to Position Color By EmpStatusID

Absences

2 — 701

EmpStatusID

- 1
- 4
- 2
- 5
- 3

Bubble labels: Pro... · Area Sales Man... · D... · Production Technician I · Production Technician I · P... · Production Techni... · IT ... · Pr... · Production T...

Salary By Month

Position

- Software Engineer
- Software Engineering Manager
- IT Director
- IT Manager - Infra
- CIO
- Network Engineer
- Sr. Accountant
- Data Analyst
- Production Manager
- Area Sales Manager
- Senior BI Developer
- Enterprise Architect
- Database Administrator
- Sr. DBA
- Production Technician I
- BI Director
- BI Developer
- IT Manager - DB
- Accountant I
- Principal Data Architect
- Sales Manager
- Production Technician II
- IT Support
- Sr. Network Engineer
- Administrative Assistant
- Director of Operations
- Data Architect
- Director of Sales

Y-axis (Salary): 0, 500,000, 1,000,000, 1,500,000, 2,000,000, 2,500,000, 3,000,000

X-axis (Month): 5, 7, 10, 4, 8, 3, 11, 2, 9, 6, 1, 12
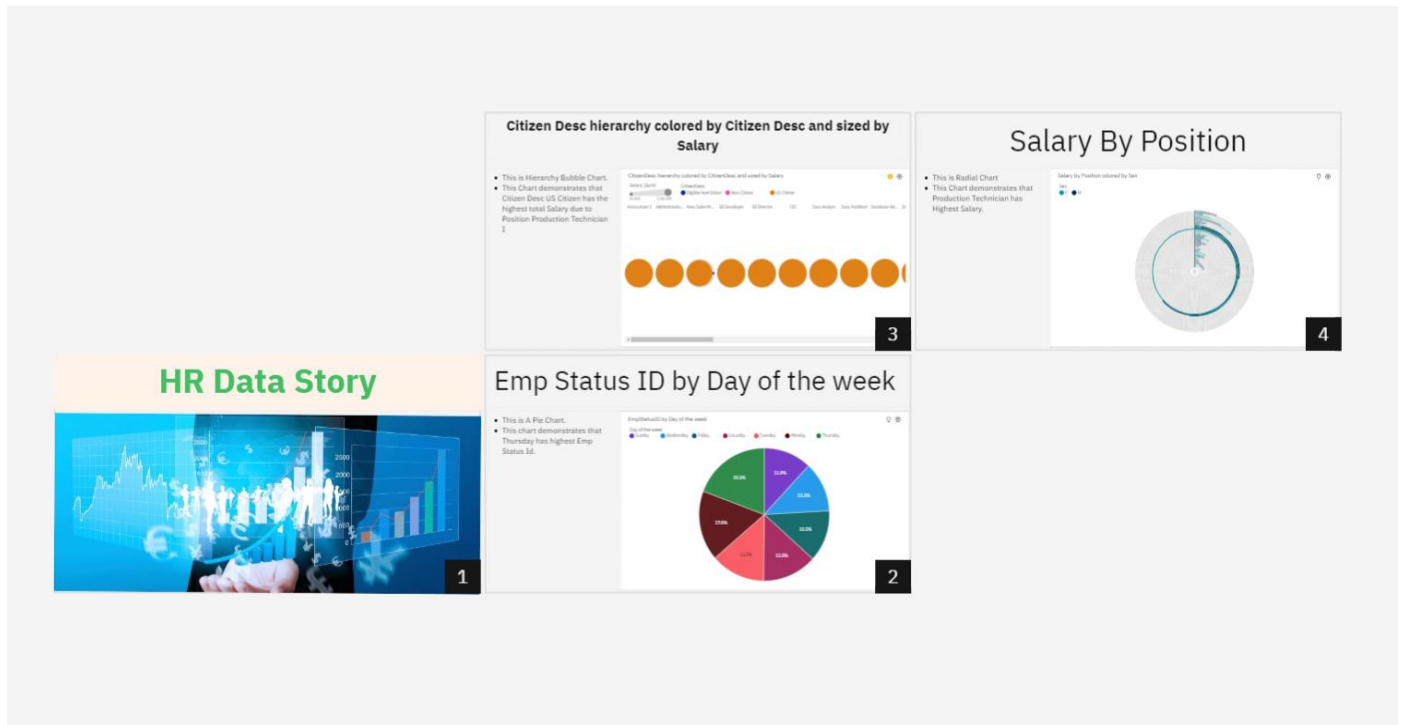
Production Technician I

1)

2)

3)

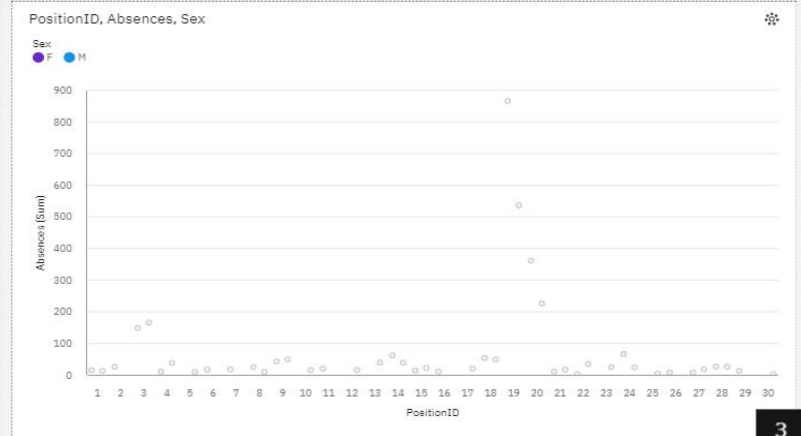

HR Data Story

Salary by Position and State

- This is Heat map Chart.
- This Chart demonstrates that Salary is unusually high when the combinations of Position and State are President & CEO and MA and CIO and MA.
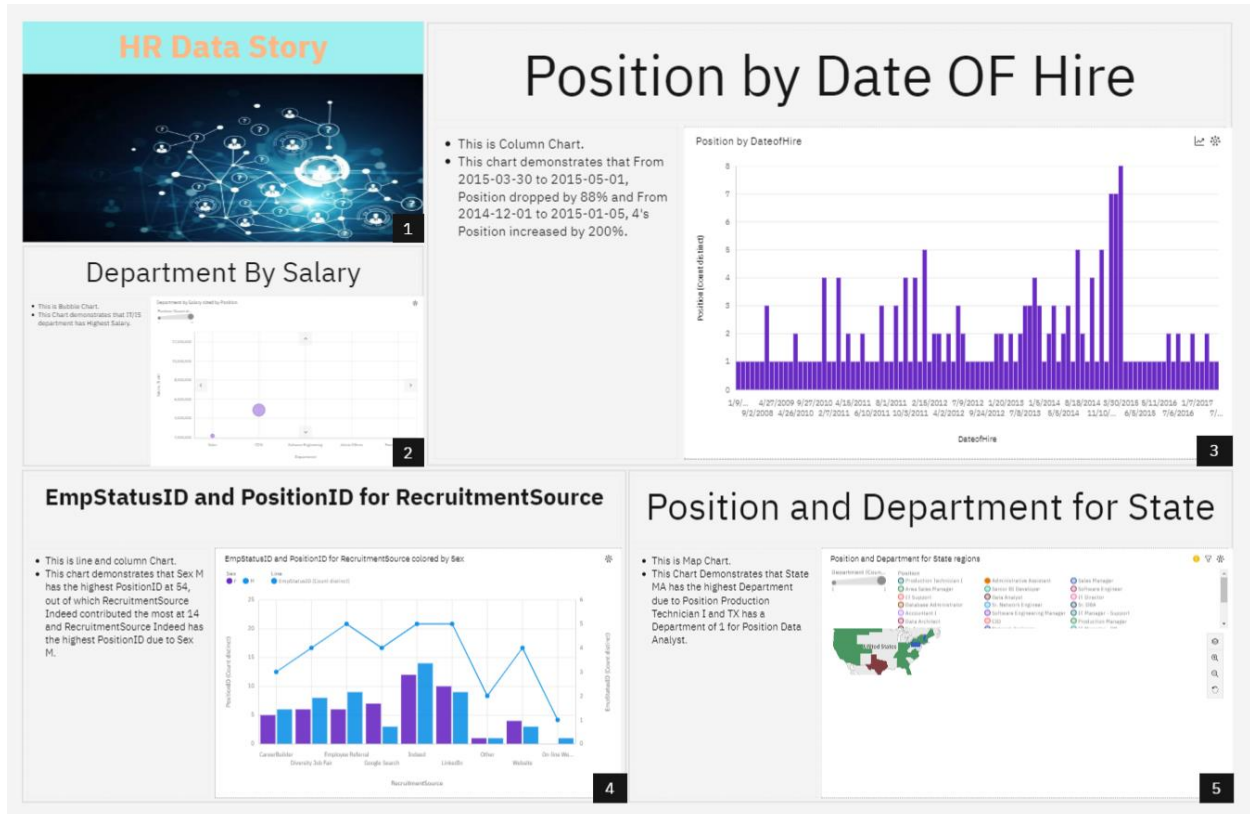
Absences By Position Id

- This is Box Plot Chart
- This Chart demonstrates that Sex F has the highest Absences at 1806, out of which PositionID 19 contributed the most at 865.
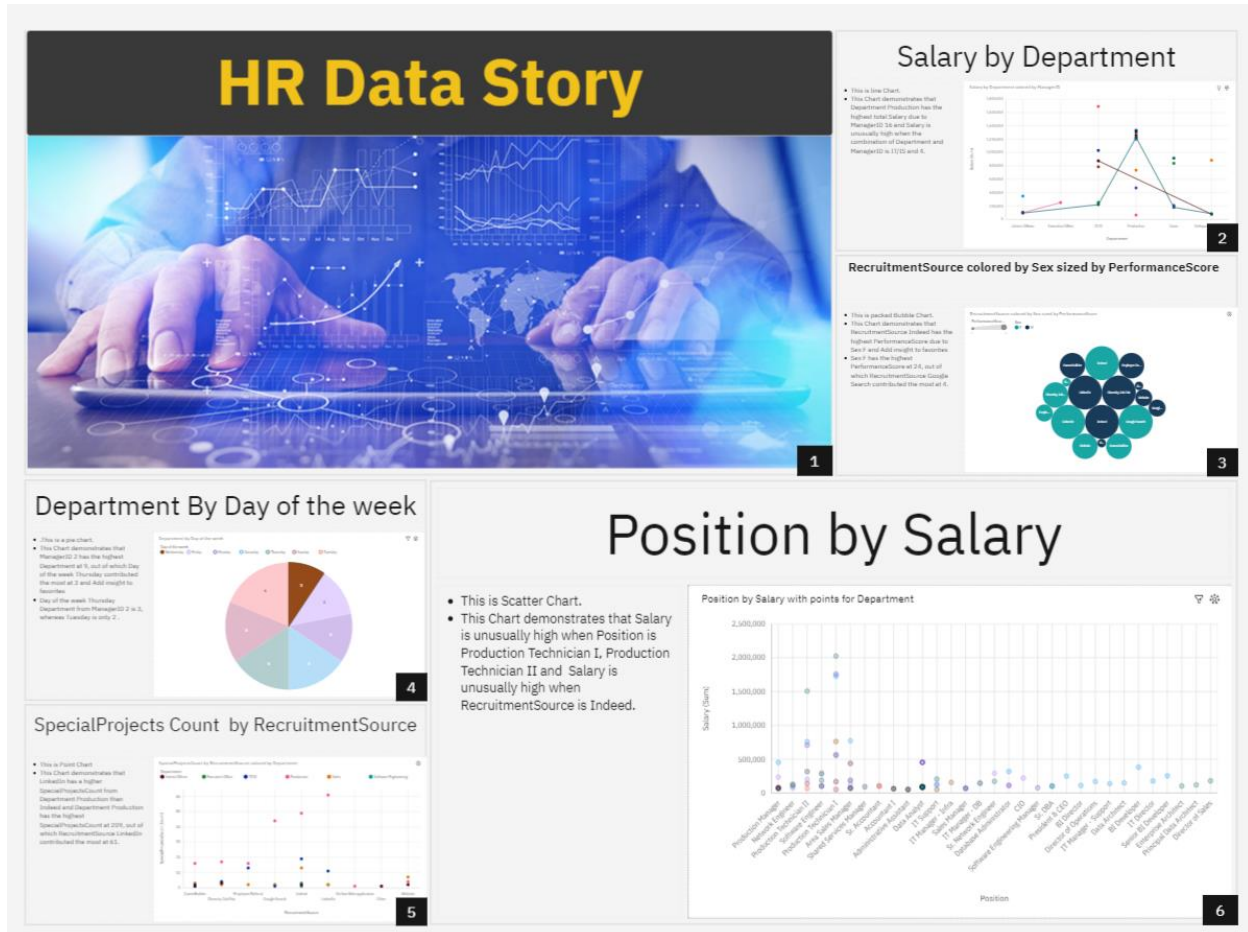
PositionID, Absences, Sex

4)

5)

6)

Salary by State

- This is Stacked Bar Chart.
- This Chart demonstrates that State MA has the highest total Salary due to Department Production and Salary is unusually high when Department is Production.