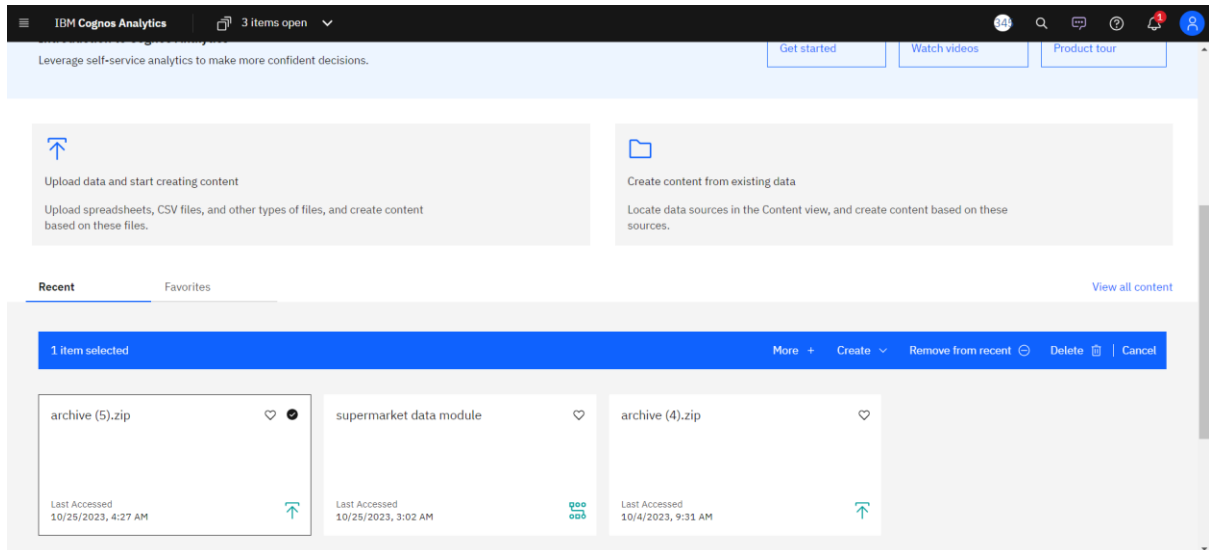# DATA ANALYTICS

ASSIGNMENT-2

STEP 1: Uploading the dataset to Cognos Analytics.
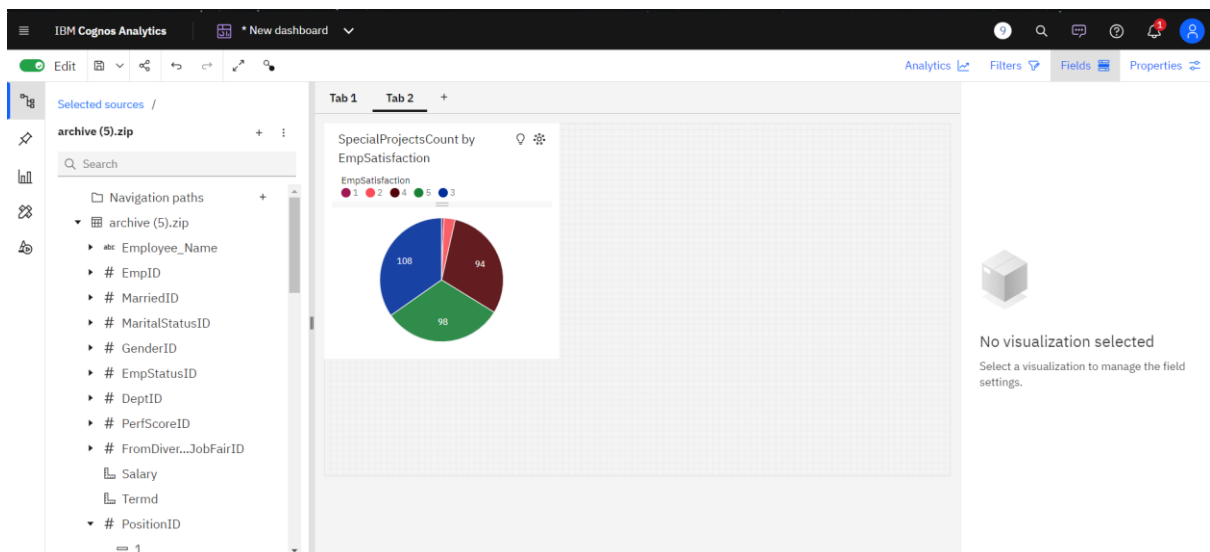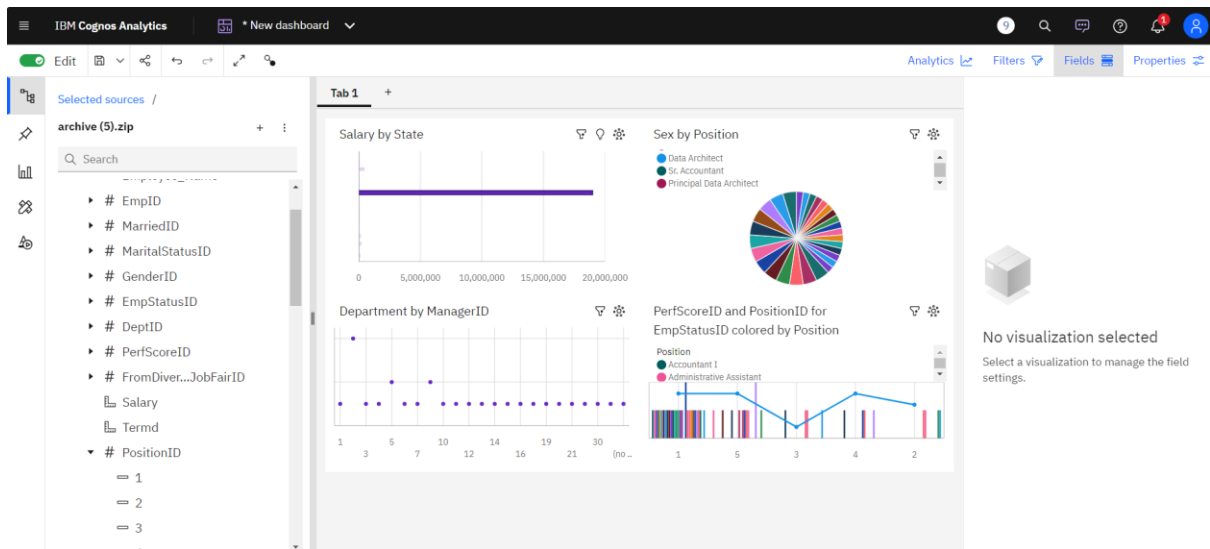

STEP 2: Prepare the data

STEP 3: Explore and Create Interactive Dashboard

STEP 4: Creating Report for HR dataset
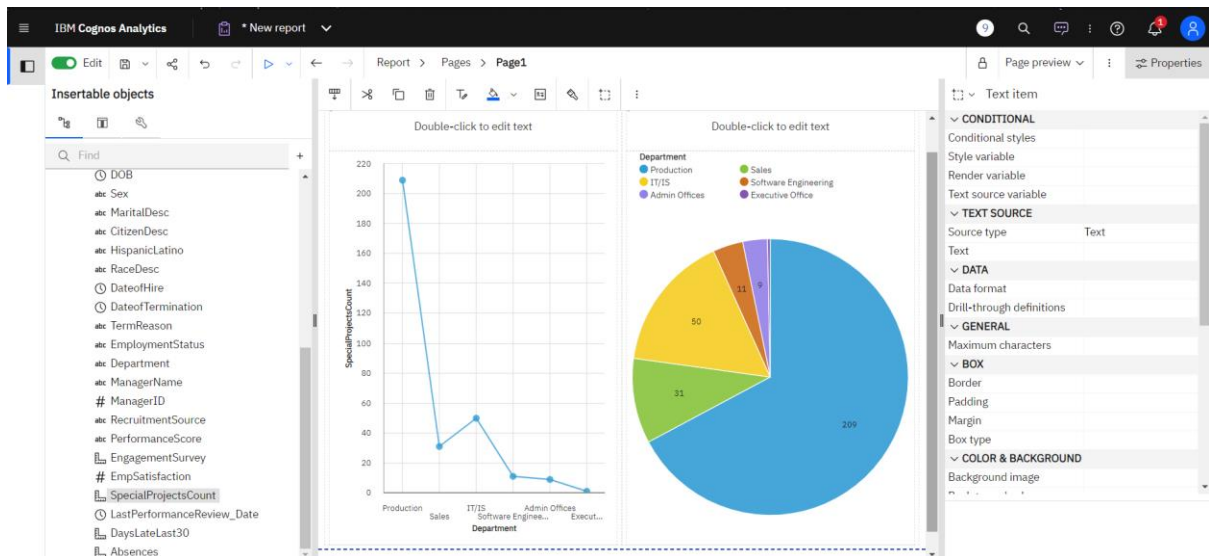
STEP 5: Creating Story for HR dataset

SALARY

- State MA has the highest total Salary due to ManagerID 2.
- ManagerID 2 has the highest Salary at over 1.8 million, out of which State MA contributed the most at over 1.6 million.
- Salary is unusually high in MA.
- Across all states, the sum of Salary is over 21 million.
- Salary ranges from almost 56 thousand, in ME, to nearly nineteen million, in MA.
-

Salary by State

State	
IN	
KY	
MA	████████████████████████████
ME	
MT	
NC	
ND	
NH	
NV	
NY	
OH	
OR	
PA	
RI	
TN	
TX	

0 | 2,000,000 | 4,000,000 | 6,000,000 | 8,000,000 | 10,000,000 | 12,000,000 | 14,000,000 | 16,000,000 | 18,000,000 | 20,000,000

Salary (Sum)

POSITION

- Position Accountant I has the highest Count distinct Sex but is ranked #19 in Total Salary.
- Position Production Technician I has the highest Total Salary but is ranked #1 in Count distinct Sex.
- Production Technician I is the most frequently occurring category of Position with a count of 137 items with Sex values (44.1 % of the total).

Sex by Position

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

PERFORMANCE

- Position Production Technician I has the highest PositionID at 5, out of which EmpStatusID 1 contributed the most at 1.
- 1 is the most frequently occurring category of EmpStatusID with a count of 184 items with PositionID values (59.2 % of the total).

PerfScoreID and PositionID for EmpStatusID colored by Position

Position

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

Line