

ASSIGNMENT-02

1) Data Module Creation:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields: DateofHire, DateofTermination, TermReason, EmploymentStatus, Department, ManagerName, ManagerID, RecruitmentSource, PerformanceScore, EngagementSurvey, EmpSatisfaction, SpecialP...ctsCount, LastPerf...iew_Date, DaysLateLast30, and Absences. The main area displays a table with the following columns: Row Id, Employee_Name, EmpID, MarriedID, EmpStatusID, and DeptID. The table contains 11 rows of data.

Row Id	Employee_Name	EmpID	MarriedID	EmpStatusID	DeptID
14	Barone, Francesco A	10265	0	1	5
15	Barton, Nader	10066	0	5	5
16	Bates, Norman	10061	0	4	5
17	Beak, Kimberly	10023	1	2	5
18	Beatrice, Courtney	10055	0	1	5
19	Becker, Renee	10245	0	4	3
20	Becker, Scott	10277	0	3	5
21	Bernstein, Sean	10046	0	1	5
22	Biden, Lowan M	10226	0	1	5
23	Billis, Helen	10003	1	1	5
24	Blount, Dianna	10294	0	1	5

2) Cleaning Data:

Unnessary Column (GenderID is deleted as we already have Sex):

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields: # GenderID, # EmpStatusID, # DeptID, # PerfScoreID, # FromDive...bFairID, Salary, Termid, # PositionID, abc Position, State, Zip, DOB, abc Sex, abc MaritalDesc, and abc CitizenDesc. The main area displays a table with the following columns: D, MaritalStatusID, GenderID, EmpStatusID, DeptID, PerfScoreID, and Fr. The table contains 11 rows of data. A context menu is open over the GenderID column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties.

D	MaritalStatusID	GenderID	EmpStatusID	DeptID	PerfScoreID	Fr
0	1	1	5	4		
1	1	1	3	3		
1	0	0	5	3		
1	0	0	5	3		
2	0	0	5	3		
0	0	0	5	4		
0	0	0	4	3		
4	1	1	5	3		
0	0	0	3	5	3	
2	1	1	1	3	3	
1	0	5	5	3		

Unnessary Column (MaritalStatusID deleted as we already have MaritalDesc):

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields: # MaritalStatusID, # EmpStatusID, # DeptID, # PerfScoreID, # FromDive...bFairID, Salary, Termid, # PositionID, abc Position, State, Zip, DOB, Sex, MaritalDesc, and CitizenDesc. The main grid displays data with columns: MarriedID, MaritalStatusID, EmpStatusID, DeptID, PerfScoreID, and FromD... A context menu is open over the MaritalStatusID column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Remove' option is highlighted.

MarriedID	MaritalStatusID	EmpStatusID	DeptID	PerfScoreID	FromD...
0	0		5	4	0
1	1		3	3	0
1	1		5	3	0
1	1		5	3	0
0	2		5	3	0
0	0		5	4	0
0	0		4	3	0
0	4		5	3	0
0	0		5	3	1
0	2	1	3	3	0
1	1	5	5	3	1

Unnessary Column (DeptID deleted as we already have Department):

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields: # DeptID (expanded to show values 1, 2, 3, 4, 5, 6), # PerfScoreID, # FromDive...bFairID, Salary, Termid, # PositionID, abc Position, State, and Zip. The main grid displays data with columns: MarriedID, EmpStatusID, DeptID, FromDiversityJobFairID, and Sala... A context menu is open over the DeptID column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Remove' option is highlighted.

MarriedID	EmpStatusID	DeptID	FromDiversityJobFairID	Sala...
0	1	5	0	5
0	5	5	0	5
0	4	5	0	5
1	2	5	0	7
0	1	5	0	5
0	4	3	0	1
0	3	5	0	5
0	1	5	0	5
0	1	5	3	6
1	1	5	4	6
0	1	5	2	6

Unnessary Column (PositionID deleted as we already have Position):

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists columns: # PositionID, # Salary, # TermID, # State, # Zip, # DOB, # Sex, # MaritalDesc, and # CitizenDesc. The main grid view displays a table with columns: # Salary, # TermID, # PositionID, # State, and # Zip. A context menu is open over the # PositionID column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Remove' option is highlighted.

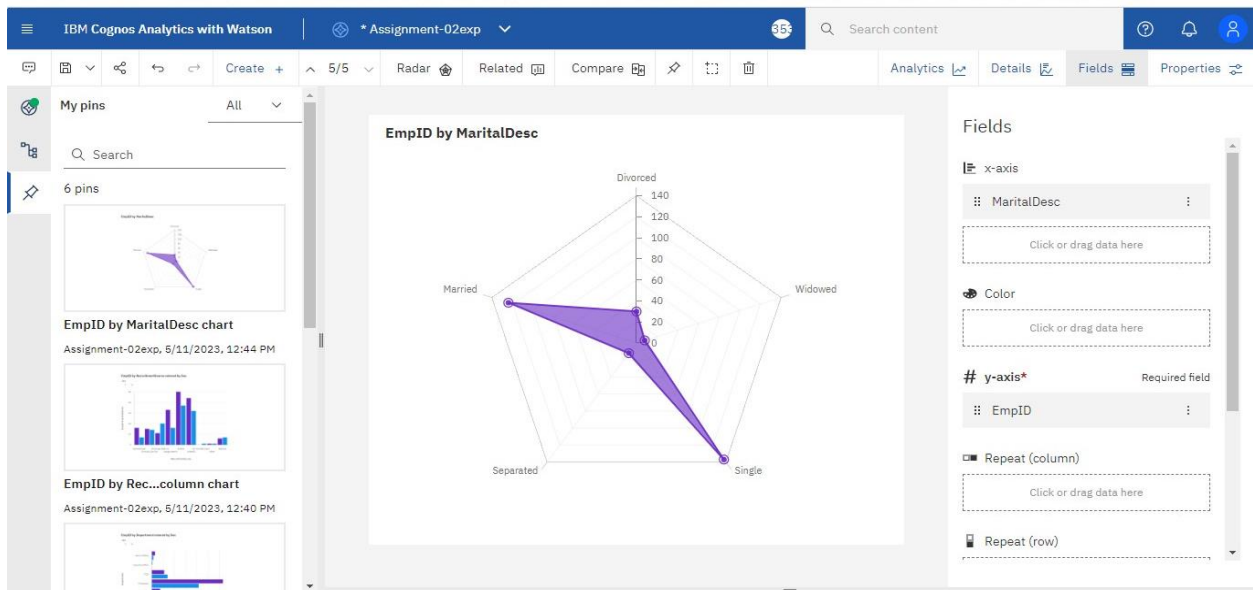
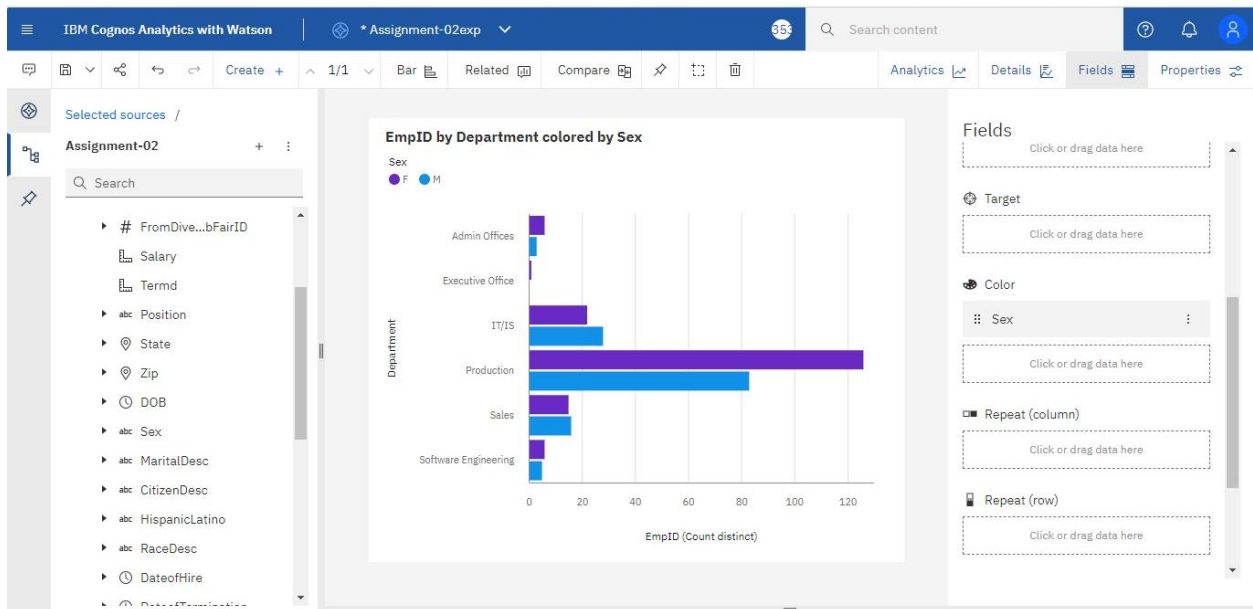
# Salary	# TermID	# PositionID	# State	# Zip
106	0	19	Technician I MA	1960
1437	1	27	MA	2148
155	1	20	Technician II MA	1810
191	0	19	Technician I MA	1886
125	1	19	Technician I MA	2169
168	0	19	Technician I MA	1844
160	0	24	Engineer MA	2110
165	0	19	Technician I MA	2199
137	0	19	Production Technician I MA	1902
178	0	14	IT Support MA	1886
170	1	19	Production Technician I MA	1902

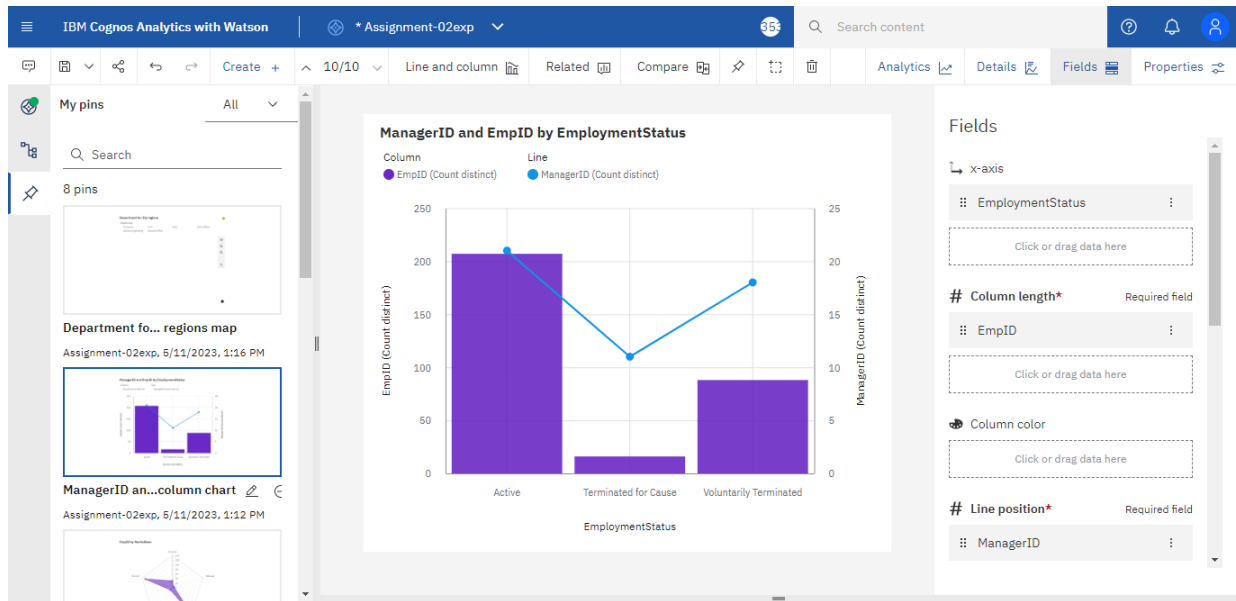
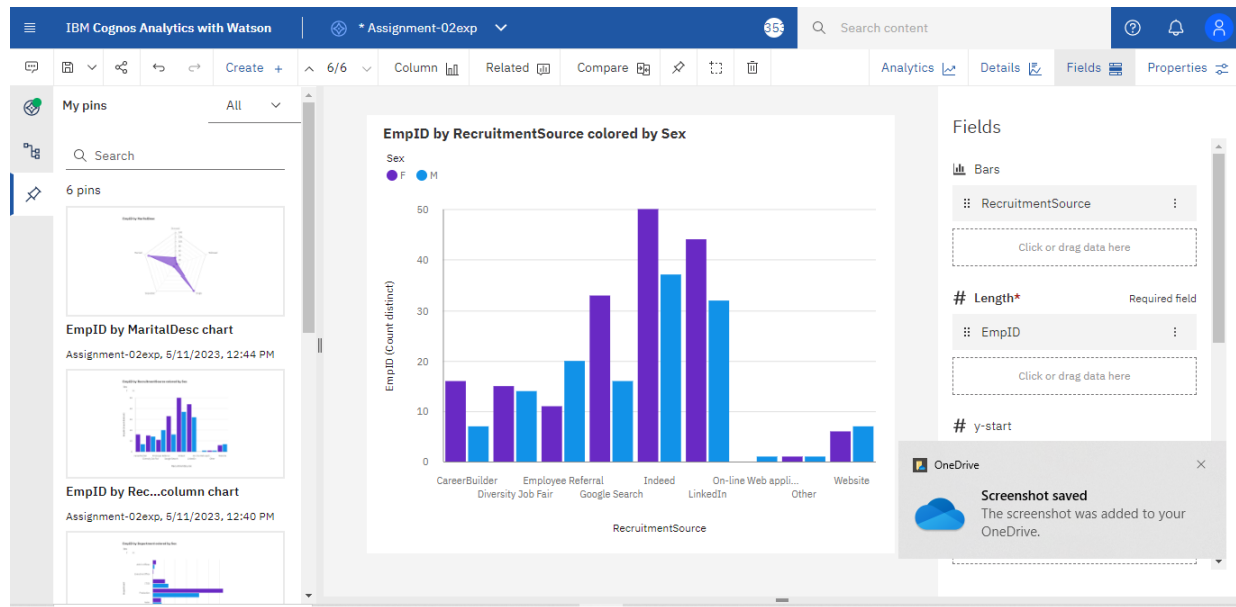
Unnessary Column (PerfScoreID deleted as we already have PerformanceScore):

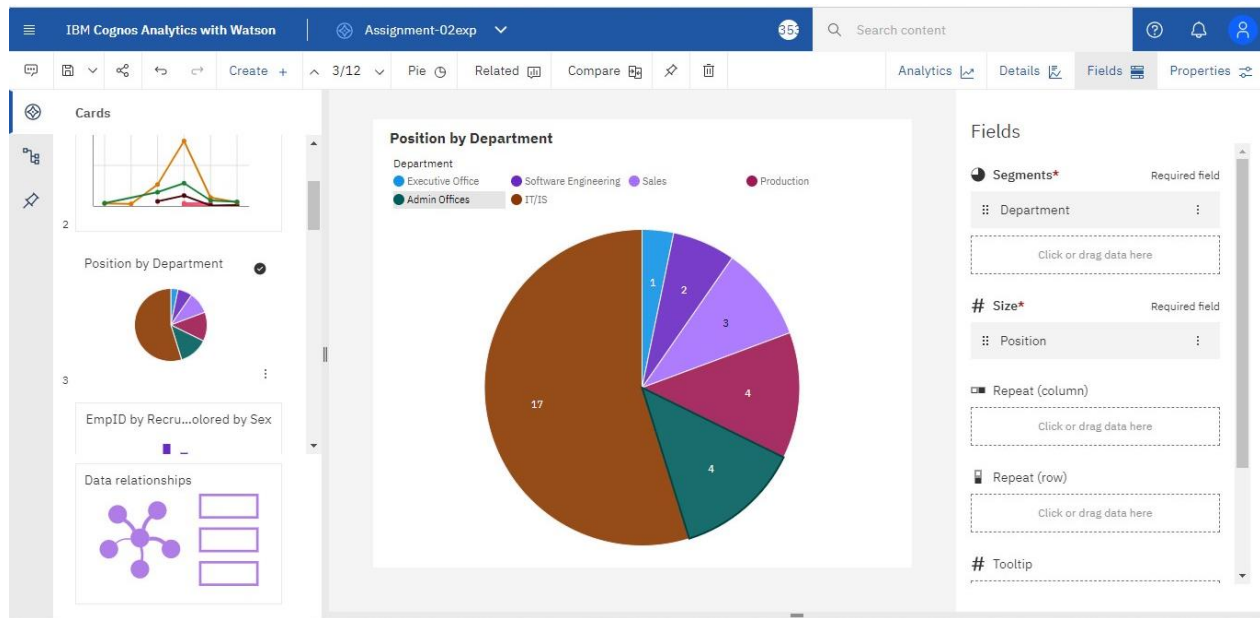
The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists columns: # PerfScoreID, # FromDive...bFairID, # Salary, # TermID, # Position, # State, # Zip, # DOB, # Sex, # MaritalDesc, and # CitizenDesc. The main grid view displays a table with columns: # pStatusID, # PerfScoreID, # FromDiversityJobFairID, # Salary, # TermID, and # Position. A context menu is open over the # PerfScoreID column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Remove' option is highlighted.

# pStatusID	# PerfScoreID	# FromDiversityJobFairID	# Salary	# TermID	# Position
4	4	62506	0	Production Technicia	
3	3	104437	1	Sr. DBA	
3	3	64955	1	Production Technicia	
3	3	64991	0	Production Technicia	
3	3	50825	1	Production Technicia	
4	4	57568	0	Production Technicia	
3	3	95660	0	Software Engineer	
3	3	59365	0	Production Technicia	
3	3	47837	0	Production Technicia	
3	3	50178	0	IT Support	
3	3	54670	1	Production Technicia	

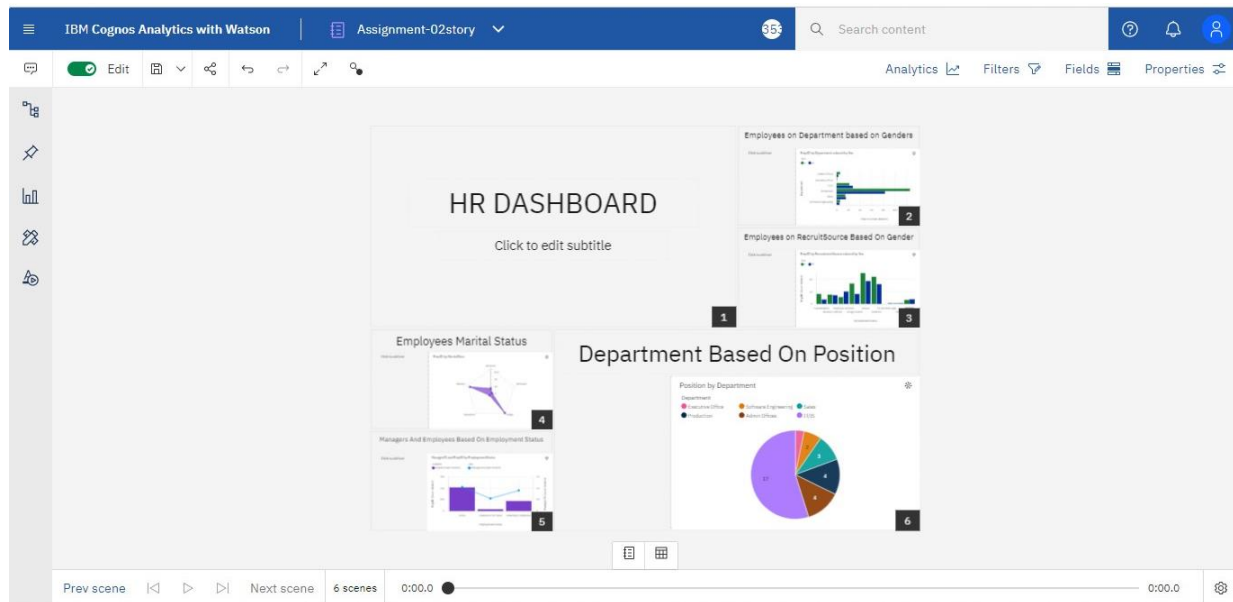
3)Dataset Visualization & Exploration:



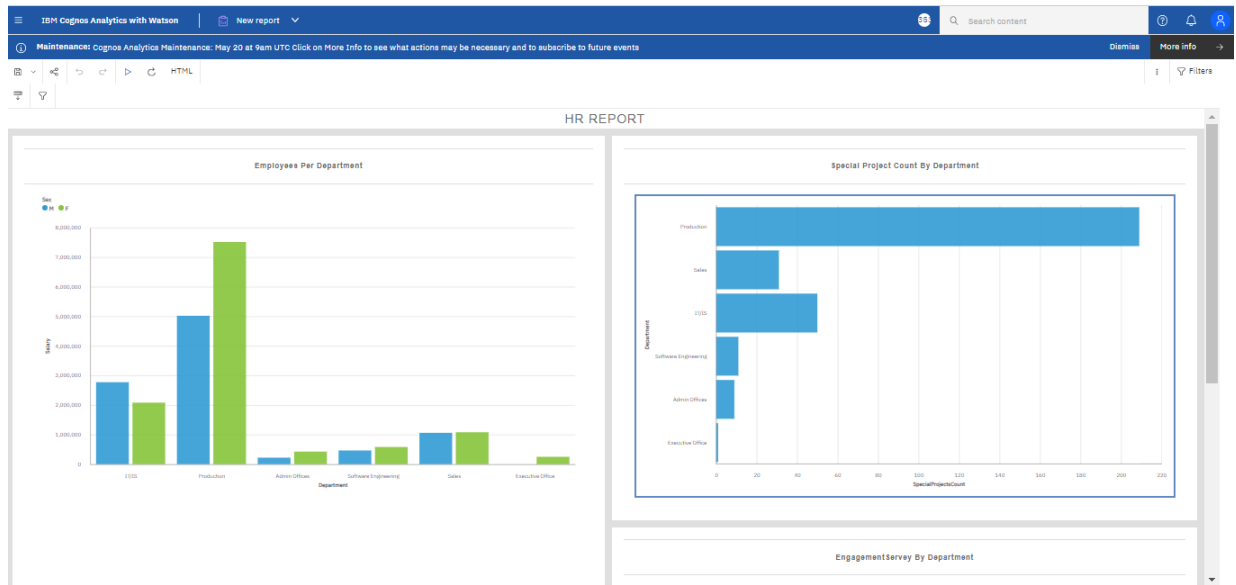
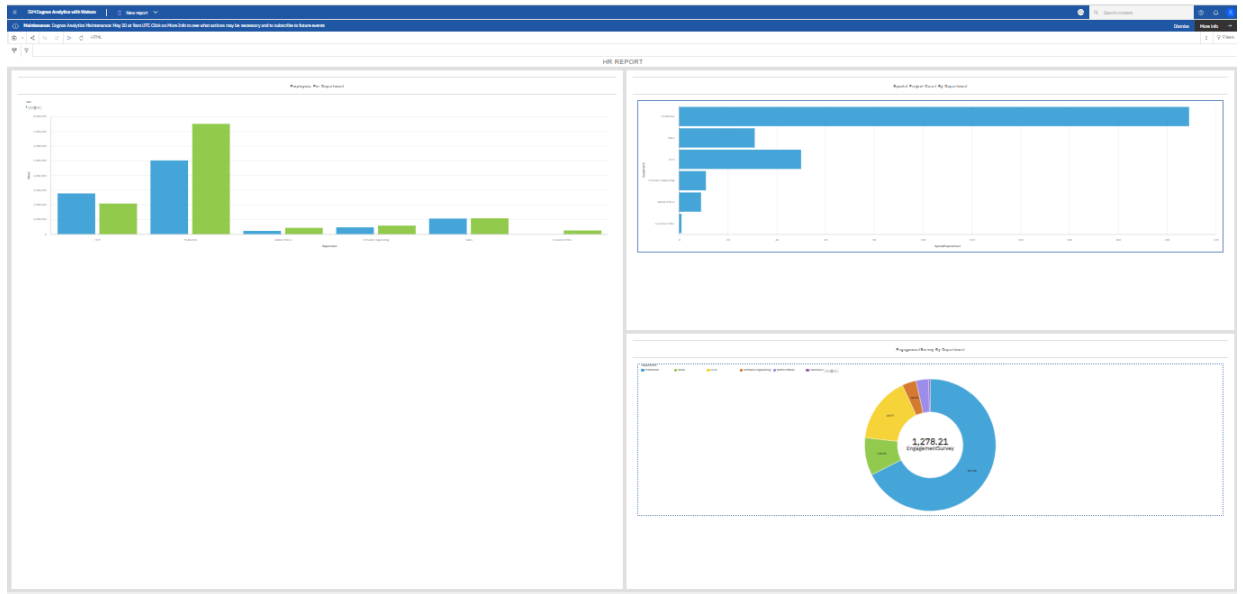


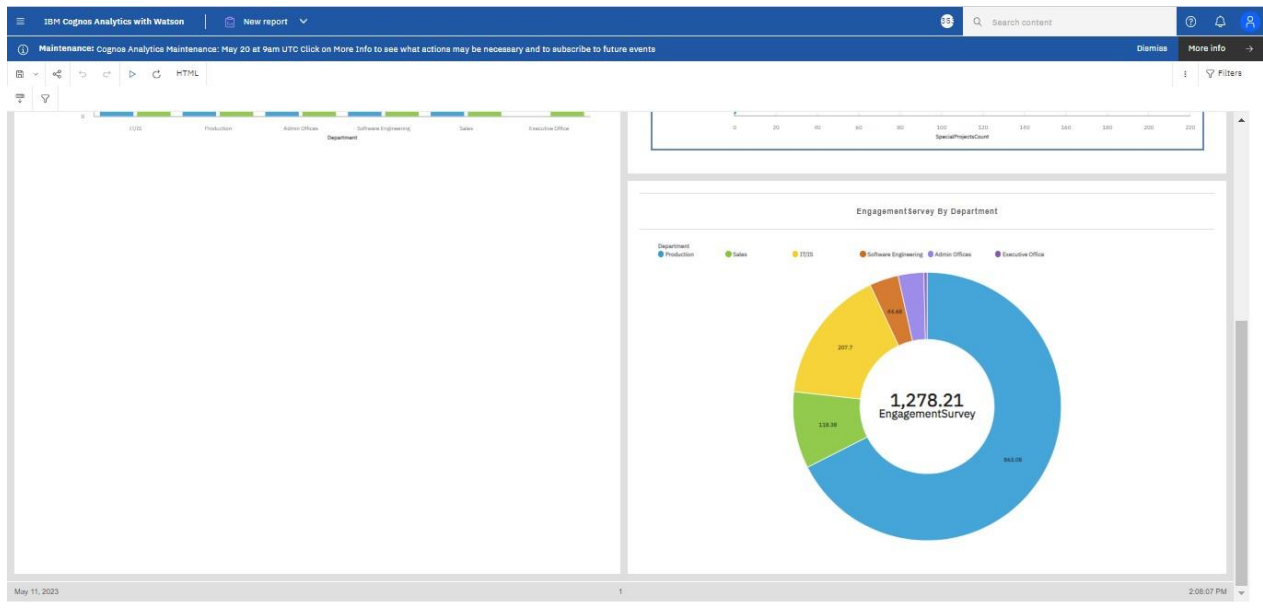


4) Create Story



5) Create Report





6)Create Dashboard

