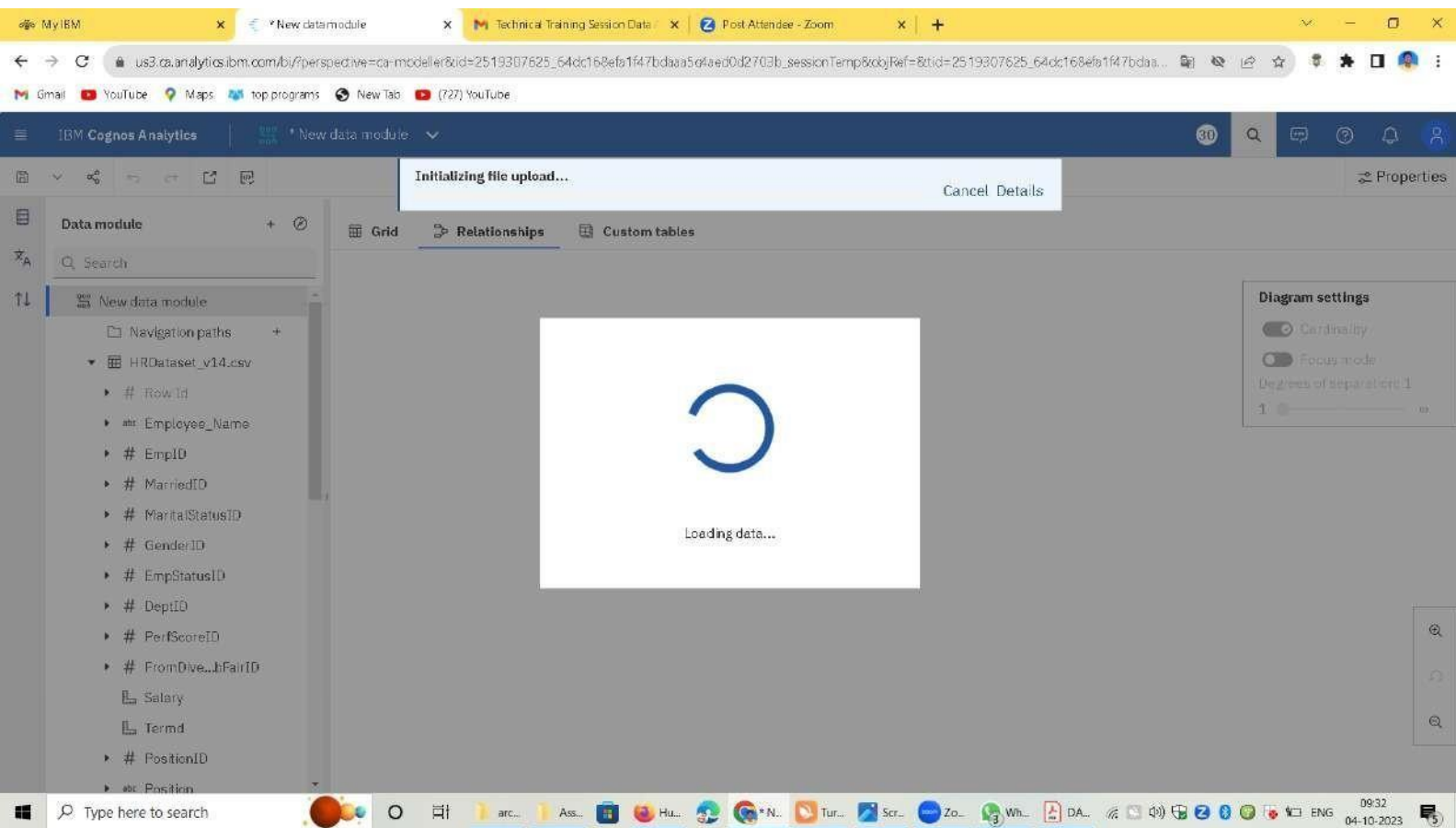
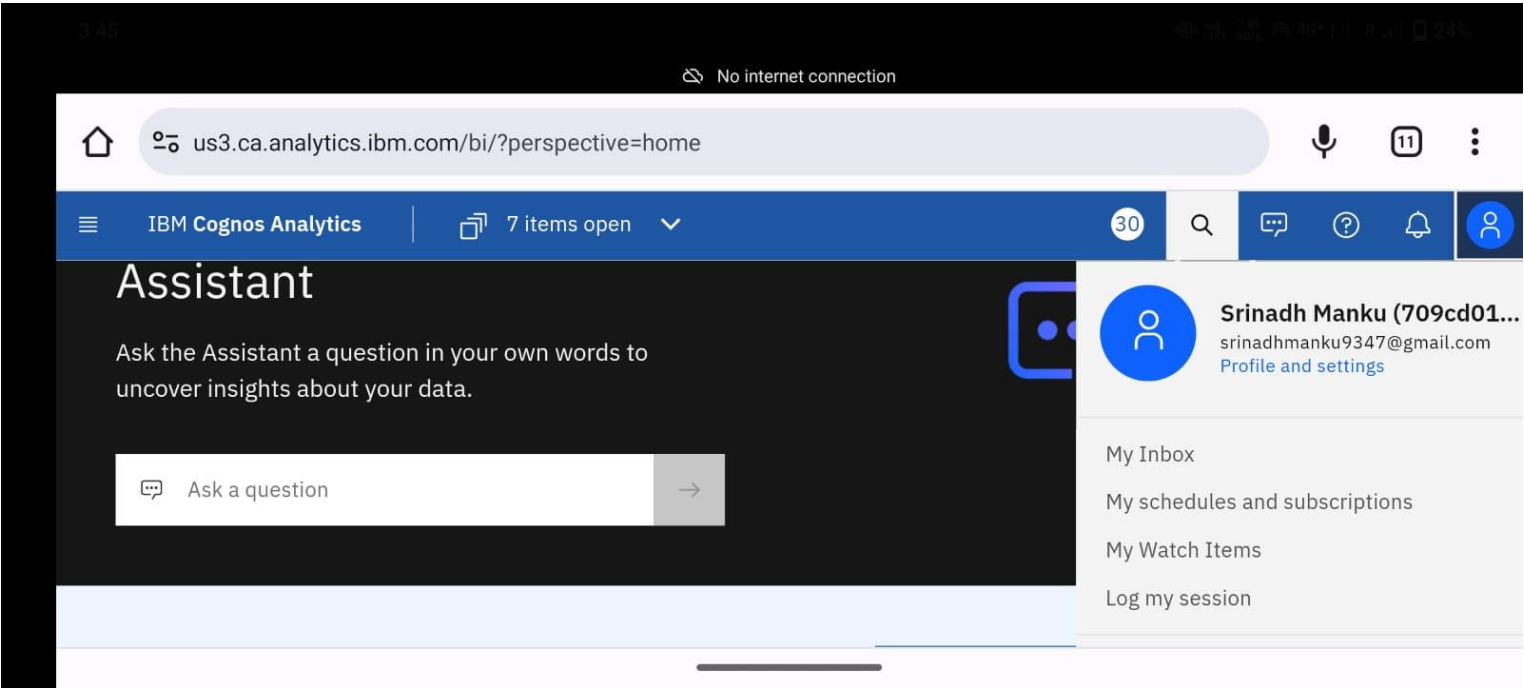


ARJUN COLLEGE OF TECHNOLOGY
ASSIGNMENT – 2
NAAN MUDHALVAN

NAME : MANKU SREENADH

REG NO: 723920243028



My IBM | New data module | Technical Training Session Data | Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=ca-model&id=2519307625_64dc168efb1f47bd... | 30 | Search | Chat | Help | Profile

IBM Cognos Analytics | New data module

Initializing file upload... Cancel Details

Grid Relationships Custom tables

Diagram settings

- Cardinality
- Focus mode
- Degrees of separation: 1

Properties

Data module

Search

New data module

- Navigation paths
- HRDataset_v14.csv
 - # Row ID
 - # Employee_Name
 - # EmpID
 - # MarriedID
 - # MaritalStatusID
 - # GenderID
 - # EmpStatusID
 - # DeptID
 - # PerfScoreID
 - # FromDive...hFairID
 - Salary
 - TermID
 - # PositionID
 - # Position

Loading data...

Type here to search

09:33 04-10-2023

My IBM | New data module | Technical Training Session Data | Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=ca-model&id=2519307625_64dc168efb1f47bd... | 30 | Search | Chat | Help | Profile

IBM Cognos Analytics | New data module

Analyzing HRDataset_v14.csv Cancel Details

Grid Relationships Custom tables

Diagram settings

- Cardinality
- Focus mode
- Degrees of separation: 1

Properties

Data module

Search

New data module

- Navigation paths
- HRDataset_v14.csv
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 - # FromDive...hFairID
 - Salary
 - TermID
 - # PositionID
 - # Position

Loading data...

Type here to search

09:33 04-10-2023

IBM Cognos Analytics | New data module

Create table

Create a custom table in the data module. This table is not added to your data source.

All tables

Search

- ☒ HRDataset_v14.csv
- # RowID
- # Employee_Name
- # EmpID
- # MarriedID
- # MaritalStatusID
- # GenderID
- # EmpStatusID
- # DeptID
- # PerfScoreID
- # FromDiversityJobFairID
- Salary
- TermID
- # PositionID
- Position
- State

☒ View of tables

To create a view of a table, select one or more package tables, or select one or more non-package tables.

☐ Shortcut to a table

To create a shortcut table, select one non-package table.

☐ Alias of a table

To create an alias table, select one non-package table.

☐ Copy of a table

To create a copy of a table, select one non-package table.

☐ Joined view

To create a join table, select two non-package tables.

☐ Union of tables

To create a union table, select two or more non-package tables that have the same number of columns with compatible data types.

☐ Intersect of tables

To create an intersect table, select two non-package tables that have the same number of columns with compatible data types.

☐ Except of tables

To create an except table, select two non-package tables that have the same number of columns with compatible data types.

Type here to search

09:35 04-10-2023

IBM Cognos Analytics | New data module

Create a view of tables

Select items to be included in the table.

Table name: HRDataset_v14.csv - View (1)

Reference tables

Search

- ☒ HRDataset_v14.csv
- # RowID
- # Employee_Name
- # EmpID
- # MarriedID
- # MaritalStatusID
- # GenderID
- # EmpStatusID
- # DeptID
- # PerfScoreID
- # FromDiversityJobFairID
- Salary
- TermID
- # PositionID

Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID	DeptID
Adinolfi, Wilson K	10026	0	0	1	1	
Alt Sidi, Karthikeyan	10084	1	1	1	5	
Akinkuolie, Sarah	10196	1	1	0	5	
Alagbe, Trina	10088	1	1	0	1	
Anderson, Carol	10069	0	2	0	5	
Anderson, Linda	10002	0	0	0	1	
Andreola, Colby	10194	0	0	0	1	
Athwal, Sam	10062	0	4	1	1	
Bachiochi, Linda	10114	0	0	0	3	
Bacong, Alejandro	10250	0	2	1	1	
Baczinski, Rachael	10252	1	1	0	5	
Barbara, Thomas	10242	1	1	1	5	

Type here to search

09:35 04-10-2023

IBM Cognos Analytics

Create a view of tables

Select items to be included in the table.

Table name: HRDataset_v14.csv - View (1)

Reference tables	Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID	De
Adinolfi, Wilson K	10026	0	0	1	1		
Alt Sidi, Karthikeyan	10084	1	1	1	5		
Akinkuolie, Sarah	10196	1	1	0	5		
Alagbe, Trina	10088	1	1	0	1		
Anderson, Carol	10069	0	2	0	5		
Anderson, Linda	10002	0	0	0	1		
Andreola, Colby	10194	0	0	0	1		
Athwal, Sam	10062	0	4	1	1		
Bachiochi, Linda	10114	0	0	0	3		
Bacong, Alejandro	10250	0	2	1	1		
Baczinski, Rachael	10252	1	1	0	5		
Barbara, Thomas	10242	1	1	1	5		

Search

- HRDataset_v14.csv
- # Row ID
- Employee_Name
- # EmpID
- # MarriedID
- # MaritalStatusID
- # GenderID
- # EmpStatusID
- # DeptID
- # PerfScoreID
- # FromDiver...JobFairID
- Salary
- TermID
- # PositionID

IBM Cognos Analytics

Data module

Grid Relationships Custom tables

HRDataset_v14.csv - View (1)

HRDataset_v14.csv

HRDataset_v14.csv - View (1)

Search

- HRDataset_v14.csv - View (1)
- HRDataset_v14.csv
 - # Row ID
 - Employee_Name
 - # EmpID
 - # MarriedID
 - # MaritalStatusID
 - # GenderID
 - # EmpStatusID
 - # DeptID
 - # PerfScoreID
 - # FromDiver...bFairID
 - Salary
 - TermID
 - # PositionID
 - Position
 - State

IBM Cognos Analytics interface showing the "Add a data source to explore" dialog box. The dialog lists available data sources under "My content":

Name	Type	Last Modified
ass 1 data module	Data module	10/3/2023, 12:38 PM
assignment2 data module	Data module	10/3/2023, 11:06 PM
HRDataset_v14.csv	Uploaded file	10/3/2023, 11:03 PM
market sales data module	Data module	10/3/2023, 11:45 AM
supermarket_sales - Sheet1.csv	Uploaded file	10/3/2023, 11:36 AM

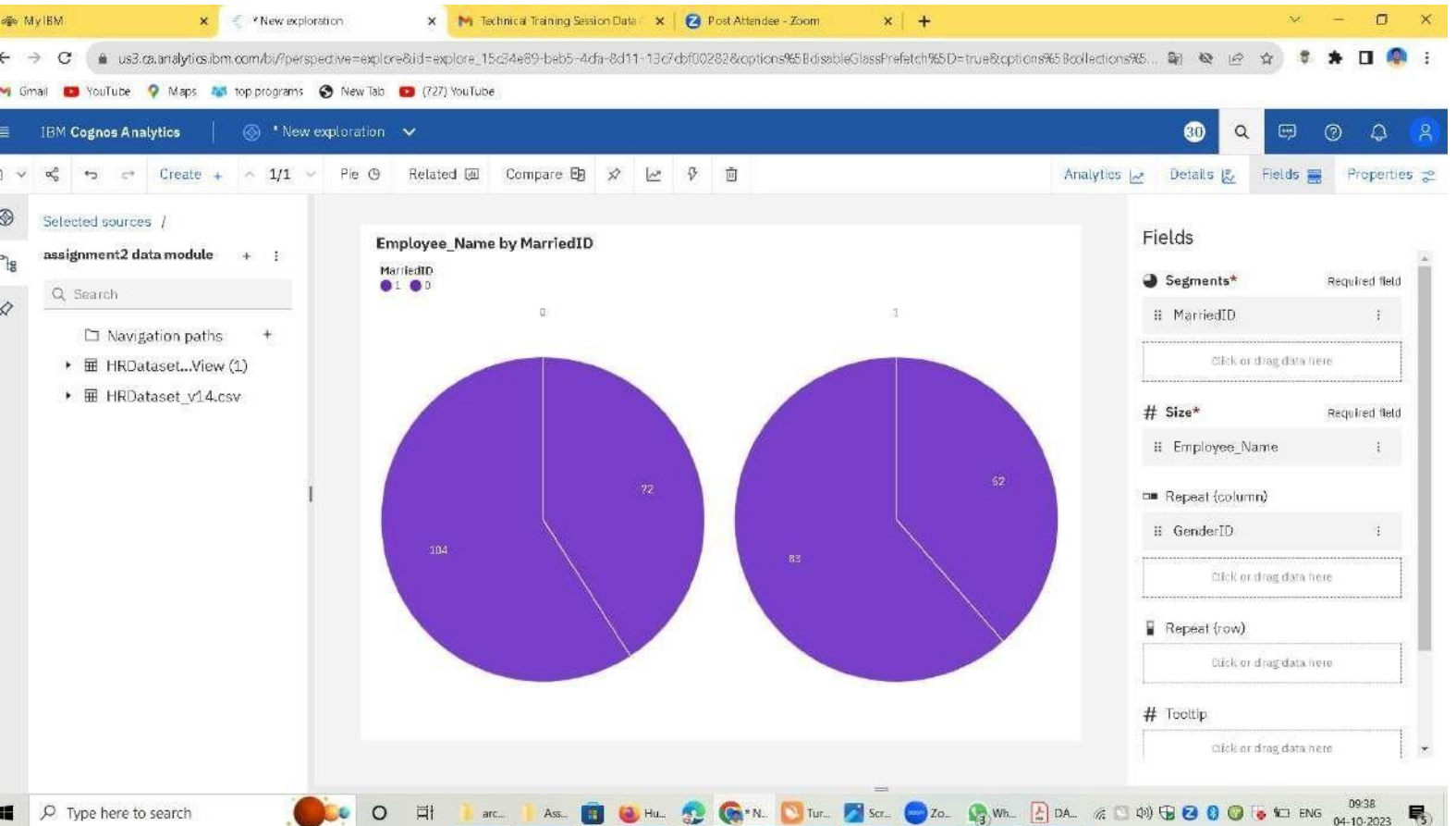
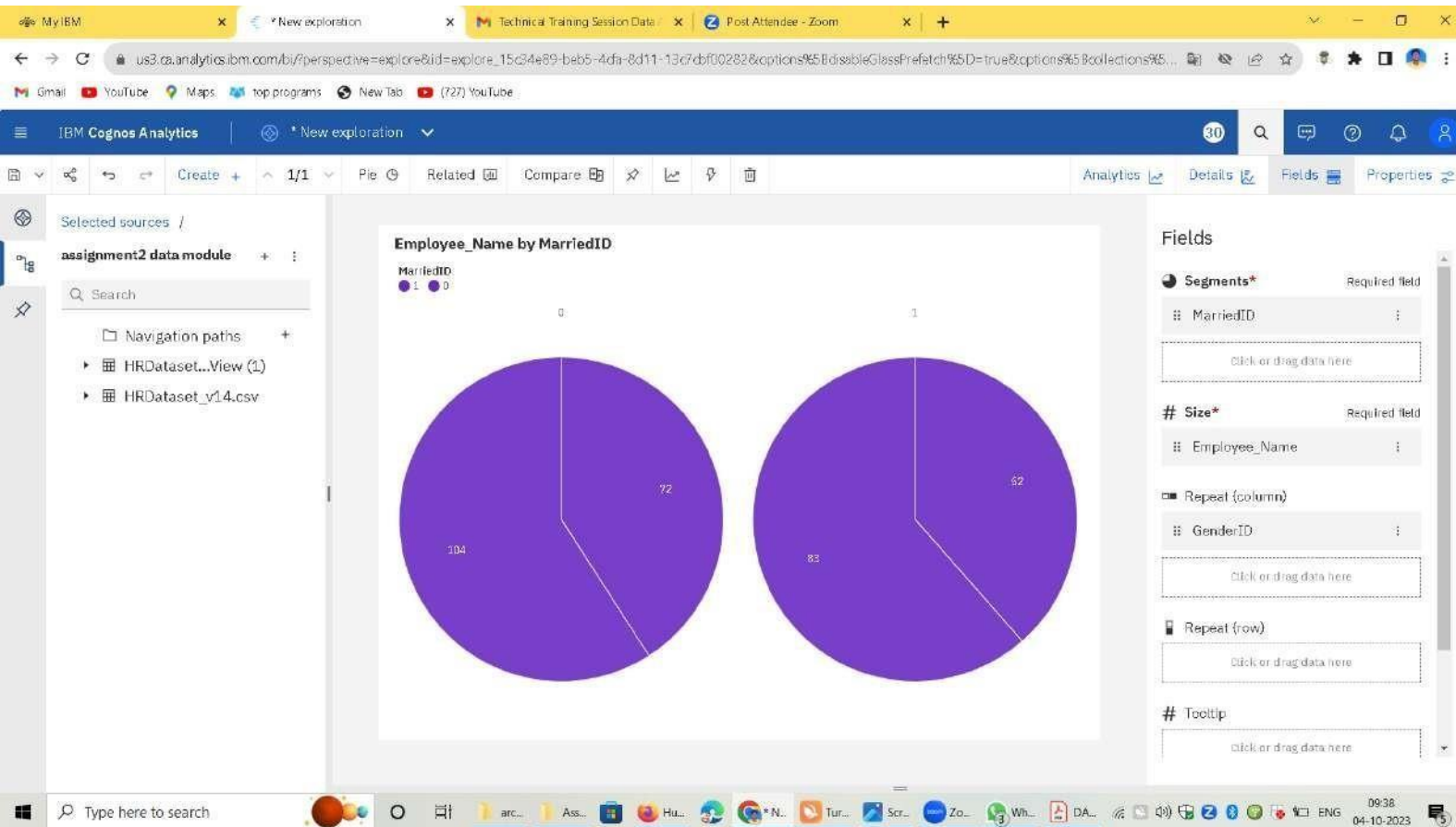
The background shows a list of data fields for "HRDataset_v14.csv":

- # Row Id
- Employee_Name
- # EmpID
- # MarriedID
- # MaritalStatusID
- # GenderID
- # EmpStatusID
- # DeptID
- # PerfScoreID
- # FromDrive...bFairID
- Salary
- TermID
- # PositionID
- Position
- State

IBM Cognos Analytics interface showing the "Explore data relationships" view. The central diagram displays relationships between data fields, with "Salary" as the central node. Other nodes include: SpecialProjectsCount, PositionID, Department, DeptID, DateofHire, Position, ManagerID, Manager Name, State, and SpecialProjectsCount.

Relationship diagram: 10% to 100% zoom.

Right sidebar: "Select a visualization" section. It lists "Salary" and "DaysLateLast30 and Salary by Department". An error message is displayed: "Error: Script error for *com.ibm.vizd/vizbundles/rave2cor".



My IBM

New dashboard

Technical Training Session Data

Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/perspective=dashboard&ud=dashboard_dcb74f49-6540-47af-989f-b7c0ab7d233e&ul_appbar=true&options%5BdisableGlassPrefetch%5D=true&co...

GmailYouTubeMapsTop programsNew Tab(727) YouTube

IBM Cognos Analytics

New dashboard

30

AnalyticsFiltersFieldsProperties

Selected sources /

assignment2 data module

Navigation paths

HRDataset_v1...v - View (1)

HRDataset_v14.csv

Tab 1Tab 2

Employee_Name

00

al, Sam

Bachiochi, Linda

Bacong, Alejandro

Baczanek, Rachael

Barbara, Thom

Barbr

No visualization selected

Select a visualization to manage the field settings.

Type here to search

arch...Assi...N...Tur...Scr...Zoo...Wh...DA...ENG09:4704-10-2023

My IBM

New dashboard

Technical Training Session Data

Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/perspective=dashboard&ud=dashboard_dcb74f49-6540-47af-989f-b7c0ab7d233e&ul_appbar=true&options%5BdisableGlassPrefetch%5D=true&co...

GmailYouTubeMapsTop programsNew Tab(727) YouTube

IBM Cognos Analytics

New dashboard

30

AnalyticsFiltersFieldsProperties

Selected sources /

assignment2 data module

Navigation paths

HRDataset_v1...v - View (1)

HRDataset_v14.csv

Tab 1Tab 2

Employee_Name

00

al, Sam

Bachiochi, Linda

Bacong, Alejandro

Baczanek, Rachael

Barbara, Thom

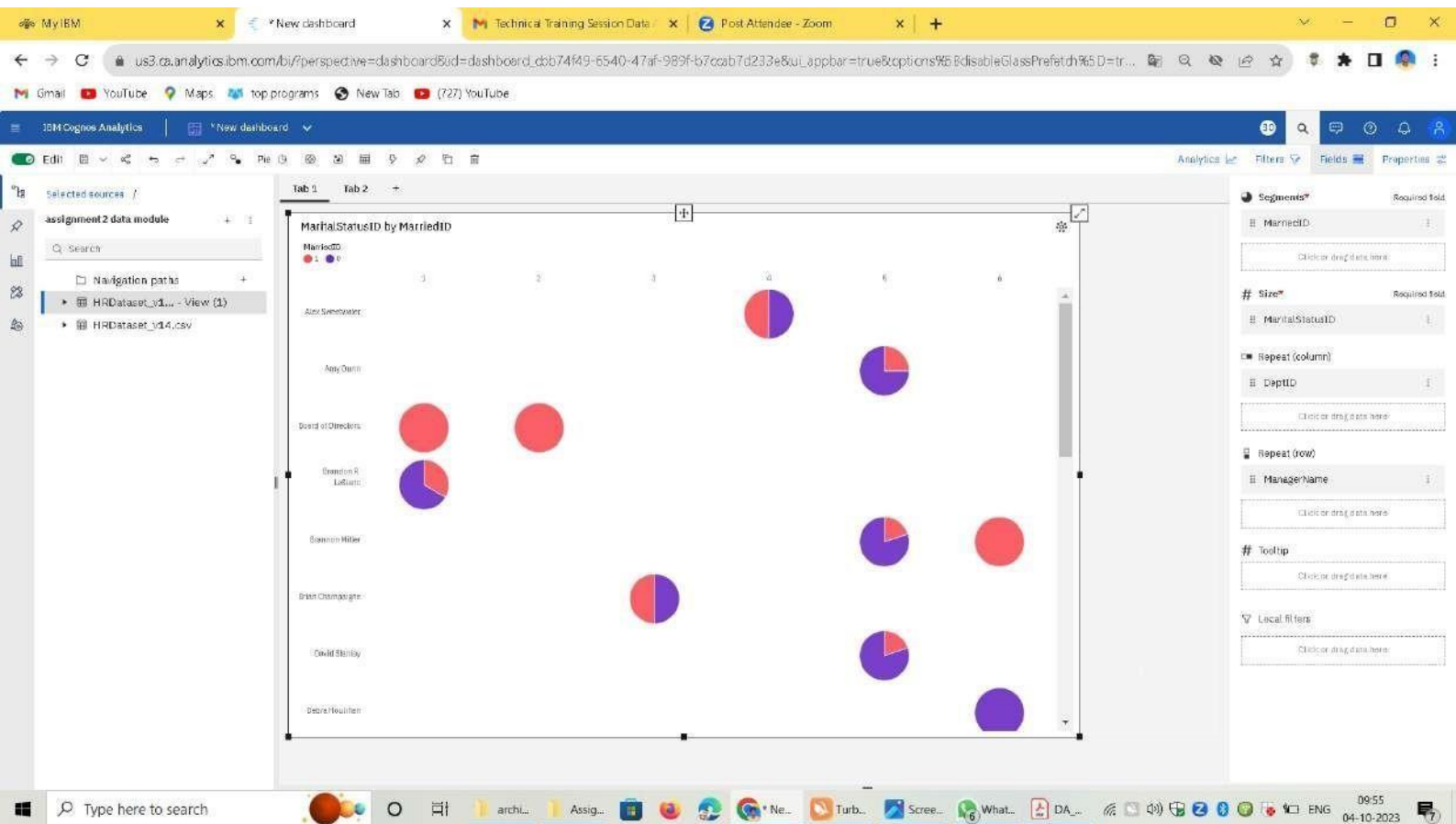
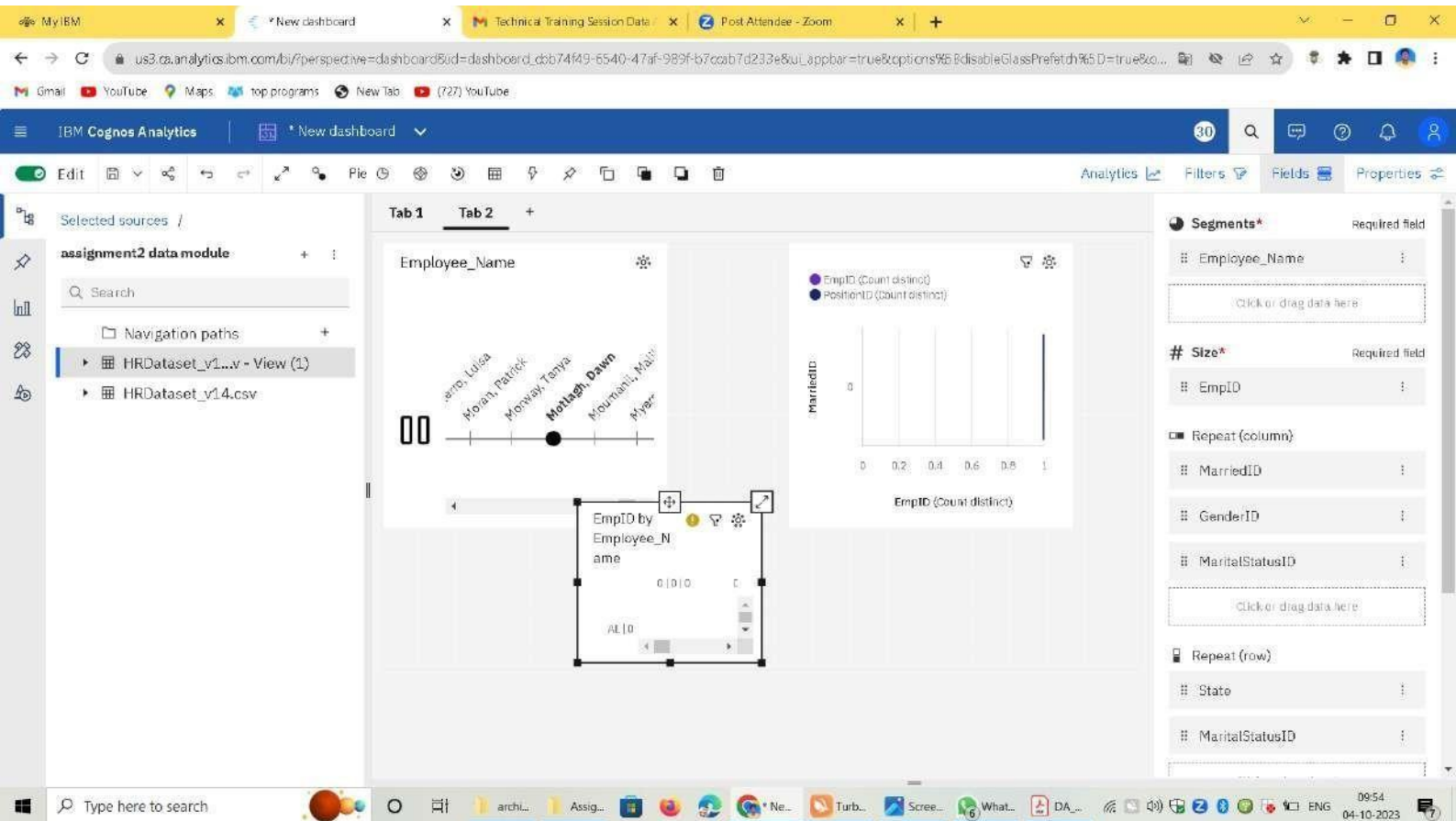
Barbr

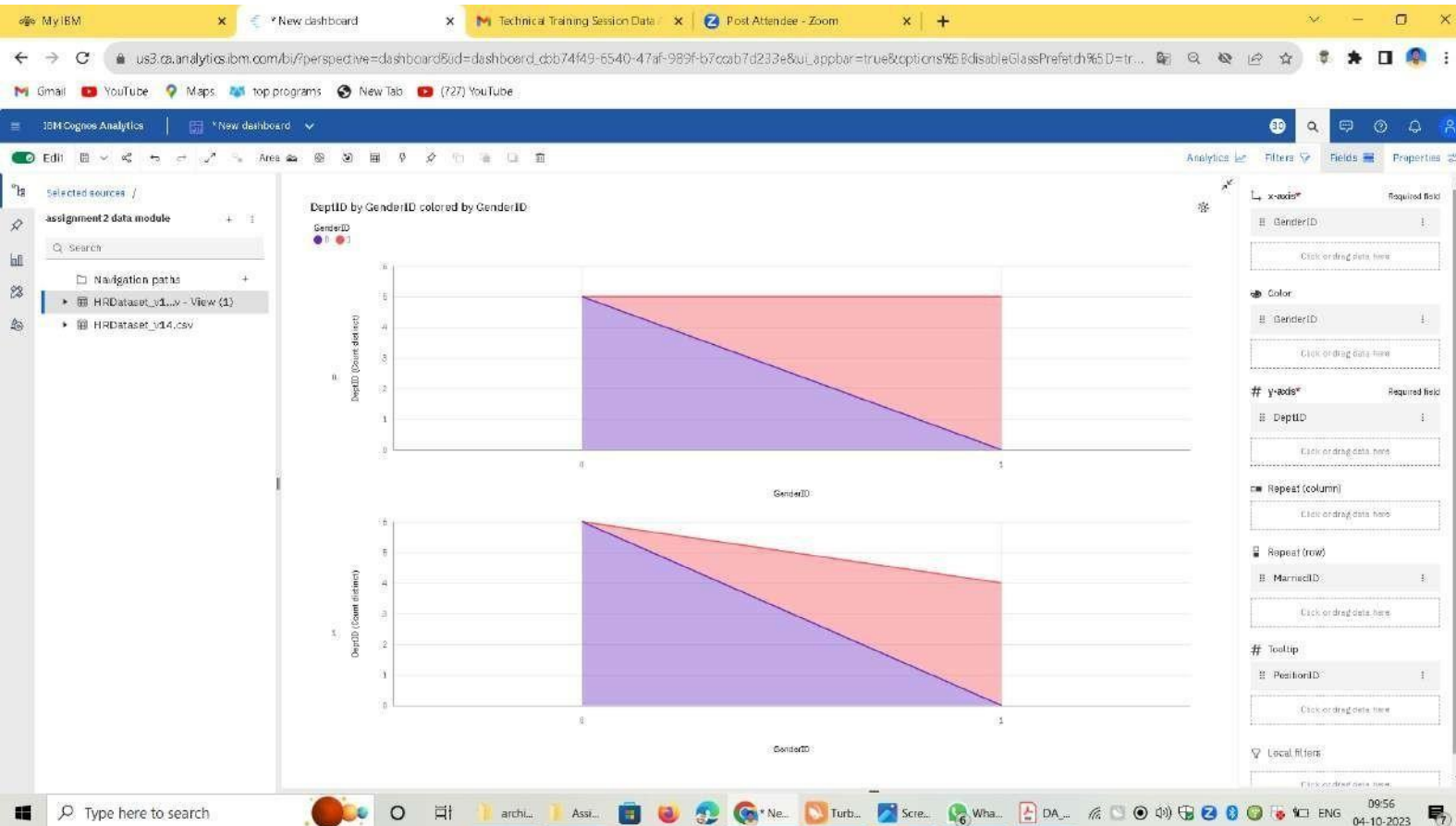
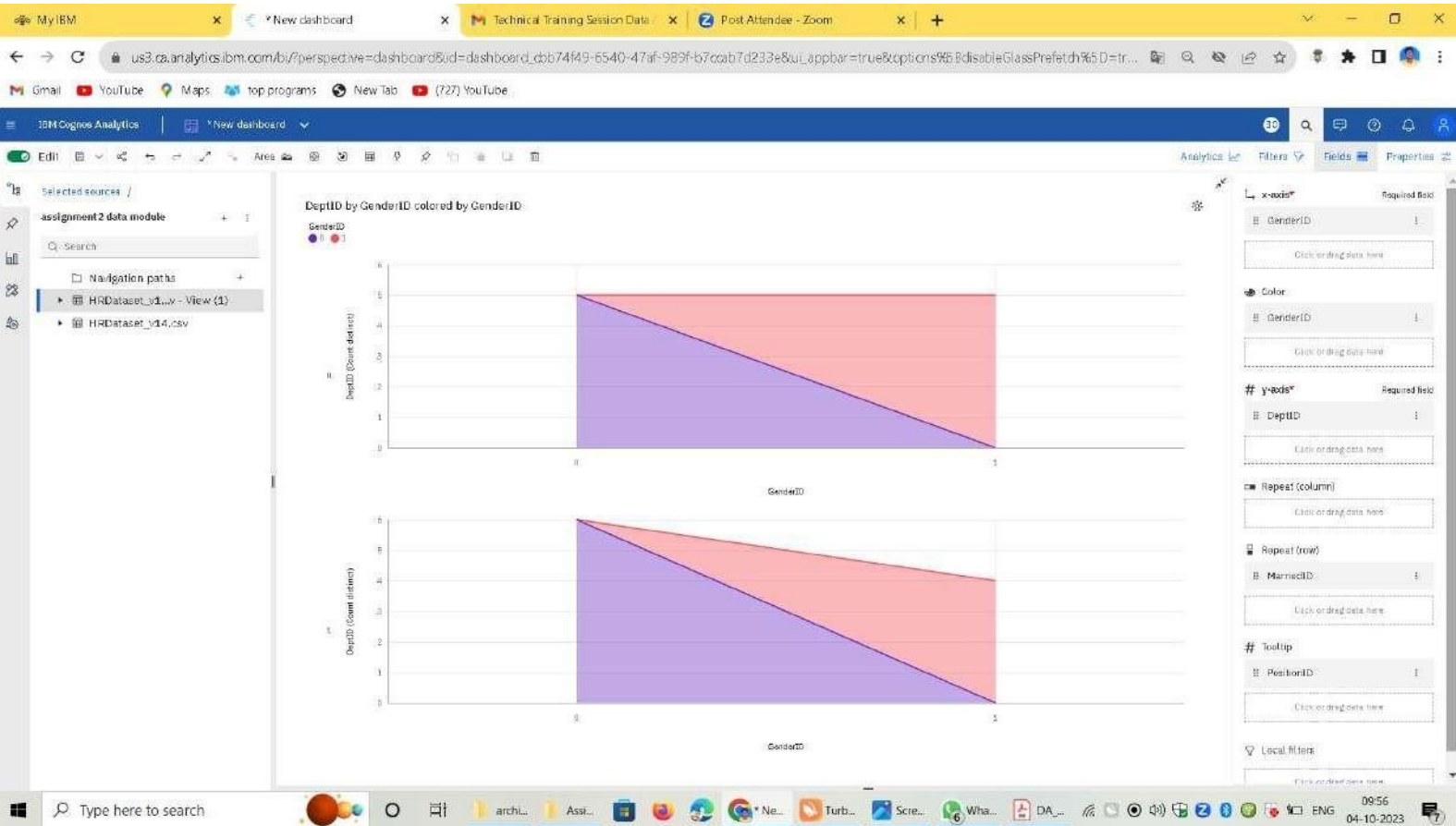
No visualization selected

Select a visualization to manage the field settings.

Type here to search

arch...Assi...N...Tur...Scr...Zoo...Wh...DA...ENG09:4704-10-2023





IBM Cognos Analytics interface showing a report design workspace. The left pane displays 'Insertable objects' categorized into Textual, Layout, Data Container, Active Report, and Advanced. The main workspace shows a report design area with a table structure. The right pane displays 'Table' properties, including Conditional styles, General, Interactive Behavior, Box, Color & Background, and Font & Text.

Google Colab interface showing a Jupyter Notebook. The code cell contains the following Python code:

```
plt.figure(figsize=(8,8))
plt.pie(sizes, labels=labels, autopct='%1.1f%%', startangle=140)
plt.title('sample pie chart')
Text(0.5, 1.0, 'sample pie chart')
```

The output displays a pie chart titled 'sample pie chart' with four categories: Category A (16.9%), Category B (33.7%), Category C (38.2%), and Category D (11.2%). The right pane shows a table titled 'House Price India.csv' with columns: id, Date, number of bedrooms, and number of bathrooms. The table displays 10 entries out of 14620.

id	Date	number of bedrooms	number of bathrooms
6762810145	4/24/91	5	2.5
6762810635	4/24/91	4	2.5
6762810898	4/24/91	5	2.75
6762812605	4/24/91	4	2.5
6762812919	4/24/91	3	2
6762813105	4/24/91	3	2.5
6762813157	4/24/91	5	3.25
6762813599	4/24/91	3	1.75
6762813600	4/24/91	3	2.5
6762814461	4/24/91	4	2.25

My IBM

New story

New report

Technical Training Session

Data Analytics Session 4

Untitled4.ipynb - Colaboratory

colab.research.google.com/drive/13oU07TPPh3DO7ryYK8bqpENFXKdP9fY5?authuser=0#scrollTo=0R253h7LSA6Q

GmailYouTubeMapsTop programsNew Tab(727) YouTube

Untitled4.ipynb

FileEditViewInsertRuntimeToolsHelpAll changes saved

CommentShare

Files

sample_dataHouse Price India.csv

CategoryB

```
[9]

plt.axis('equal')
plt.show()
```

House Price India.csv

1 to 10 of 14620 entries

id	Date	number of bedrooms	number of bathrooms
6762810145	4/24/91	5	2.5
6762810635	4/24/91	4	2.5
6762810898	4/24/91	5	2.75
6762812605	4/24/91	4	2.5
6762812919	4/24/91	3	2
6762813105	4/24/91	3	2.5
6762813157	4/24/91	5	3.25
6762813599	4/24/91	3	1.75
6762813600	4/24/91	3	2.5
6762814481	4/24/91	4	2.25

Show 10 per page

12101001000140014601462

completed at 11:33 AM

Type here to search

arch... arch... Hou... Unti... Turb... Scre... Wha... AI A...

11:33 04-10-2023