

ARJUN COLLEGE OF TECHNOLOGY  
**ASSIGNMENT – 2**  
NAAN MUDHALVAN

NAME : KURRA DEEPESH

REG NO: 723920243022

My IBM

Home

IBM Cognos Analytics

us1.ca.analytics.ibm.com/bi/?perspective=home

GmailYouTubeMaps

IBM Cognos Analytics

Maintenance: Scheduled Secure Gateway maintenance on October 4th, 2023. Click More Info for details and to subscribe to future events

KURRA DEEPESH REDDY...

kurradeepesh07@gmail.com

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IBM Cognos Analytics Mobile

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# Get quick answers with the Assistant

Ask the Assistant a question in your own words to uncover insights about your data.

Ask a question

## Introduction to Cognos Analytics

Leverage self-service analytics to make more confident decisions.

Get started

Watch videos

Product tour

Click Watch video or Product tour to access new and updated learning resources.

31°C Windy

Search

ENG IN

14:40 04-10-2023

My IBM

New data module

Technical Training Session Data

Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=2519307625\_64dc168efa1f47bd...

GmailYouTubeMaps

IBM Cognos Analytics

New data module

Initializing file upload... Cancel Details

Data module

New data module

Navigation paths

HRDataset\_v14.csv

# Row ID

# Employee\_Name

# EmpID

# MarriedID

# MaritalStatusID

# GenderID

# EmpStatusID

# DeptID

# PerfScoreID

# PromotionEventID

Salary

TermID

# PositionID

Position

Grid

Relationships

Custom tables

Diagram settings

Cardinality

Focus mode

Degrees of separation: 1

Loading data...

Type here to search

09:32 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\_64dc168efa1f47bd... | 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

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...hPairID
  - 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\_64dc168efa1f47bd... | 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

1

Properties

Data module

Search

New data module

- Navigation paths
- HRDataset\_v14.csv
  - # Row Id
  - # Employee\_Name
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  - # DeptID
  - # PerfScoreID
  - # FromDive...hPairID
  - 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.

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	

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

Search

- HRDataset\_v14.csv
- # Row ID
- Employee\_Name
- # EmpID
- # MarriedID
- # MaritalStatusID
- # GenderID
- # EmpStatusID
- # DeptID
- # PerfScoreID
- # FromDiver...JobFairID
- Salary
- TermID
- PositionID

Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID
Adinolfi, Wilson K	10026	0	0	1	1
Alt Sidi, Karthikeyan	10084	1	1	1	5
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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

IBM Cognos Analytics

### Data module

Search

- HRDataset... View (1)
- HRDataset\_v14.csv
  - # Row ID
  - Employee\_Name
  - # EmpID
  - # MarriedID
  - # MaritalStatusID
  - # GenderID
  - # EmpStatusID
  - # DeptID
  - # PerfScoreID
  - # FromDive...bFairID
  - Salary
  - TermID
  - PositionID
  - Position
  - State

Grid Relationships Custom tables

HRDataset\_v14.csv - View (1)

HRDataset\_v14.csv

HRDataset... - View (1)



My IBM assignment2 data module Technical Training Session Data Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=ACC1319E867842B4807AEC89C676B5DB&objRef=ACC1319E867842B4807AEC89C676B5DB&id=2178461645\_b...

IBM Cognos Analytics assignment2 data module

### Add a data source to explore

My content Team 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

Cancel Add

HRDataset... View (1)  
HRDataset\_v14.csv  
# Row ID  
Employee\_Name  
# EmpID  
# MarriedID  
# MaritalStatusID  
# GenderID  
# EmpStatusID  
# DeptID  
# PerfScoreID  
# FromDrive...bFairID  
Salary  
TermID  
# PositionID  
Position  
State

Type here to search

09:36 04-10-2023

My IBM \*New exploration Technical Training Session Data Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_15c34e69-bab5-4dfa-8d11-13c7dbf00282&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5B...

IBM Cognos Analytics \*New exploration

### Explore data relationships

assignment2 data module

Salary

Reset to original Edit diagram

Select single or multiple nodes to see visualizations.

Relationship diagram 1

10% 100%

### Select a visualization

Explore visualizations related to 'Salary'.

Salary

Add +

Salary

Error: Script error for "com/ibm/vida/vizbundles/rave2cor"

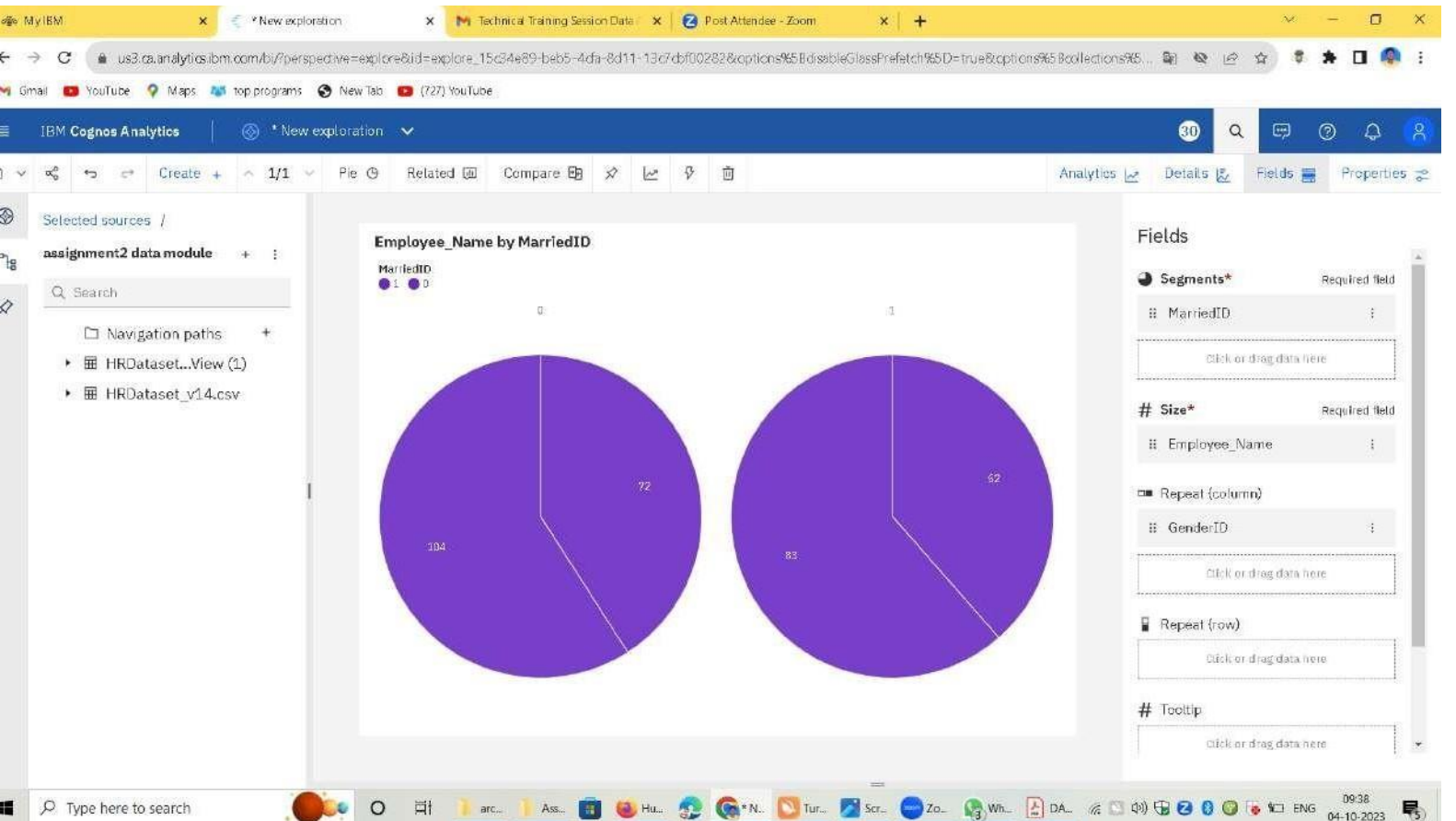
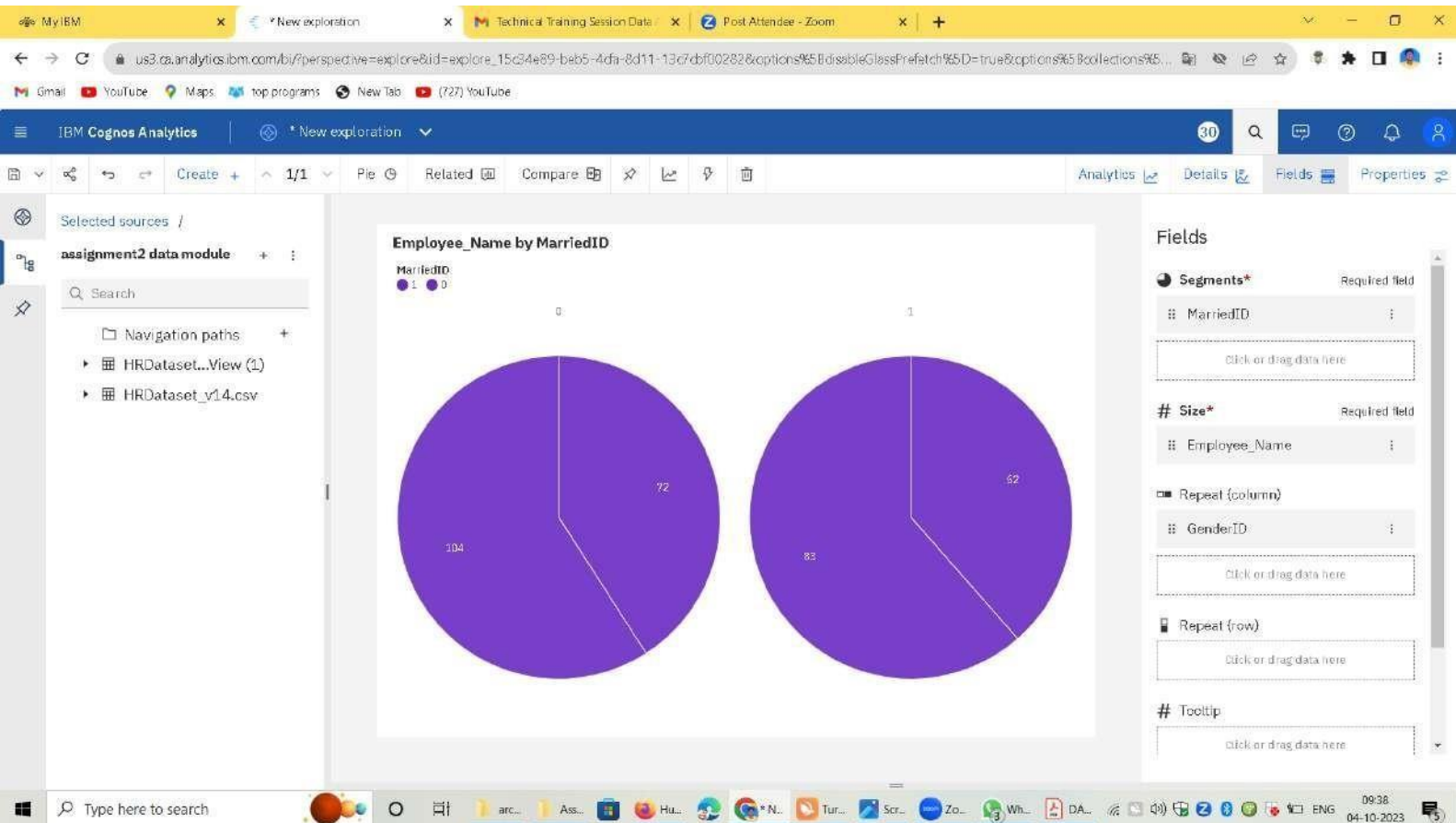
Add +

DaysLateLast30 and Salary by Department

Error: Script error for

Type here to search

09:37 04-10-2023



My IBM

New dashboard

Technical Training Session Data

Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=dashboard&uid=dashboard\_dcb74f49-6540-47af-989f-b7ccab7d233e&ui\_appbar=true&options%5BdisableGlassPrefetch%5D=true&...

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

Bachocchi, Linda

Bacon, Alejandro

Baczanski, Rachael

Barbara, Thom

Baron

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&uid=dashboard\_dcb74f49-6540-47af-989f-b7ccab7d233e&ui\_appbar=true&options%5BdisableGlassPrefetch%5D=true&...

GmailYouTubeMapsTop programsNew Tab(727) YouTube

IBM Cognos Analytics

New dashboard

30

AnalyticsFiltersFieldsProperties

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assignment2 data module

Navigation paths

HRDataset\_v1...v - View (1)

HRDataset\_v14.csv

Tab 1Tab 2

Employee\_Name

00

al, Sam

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Barbara, Thom

Baron

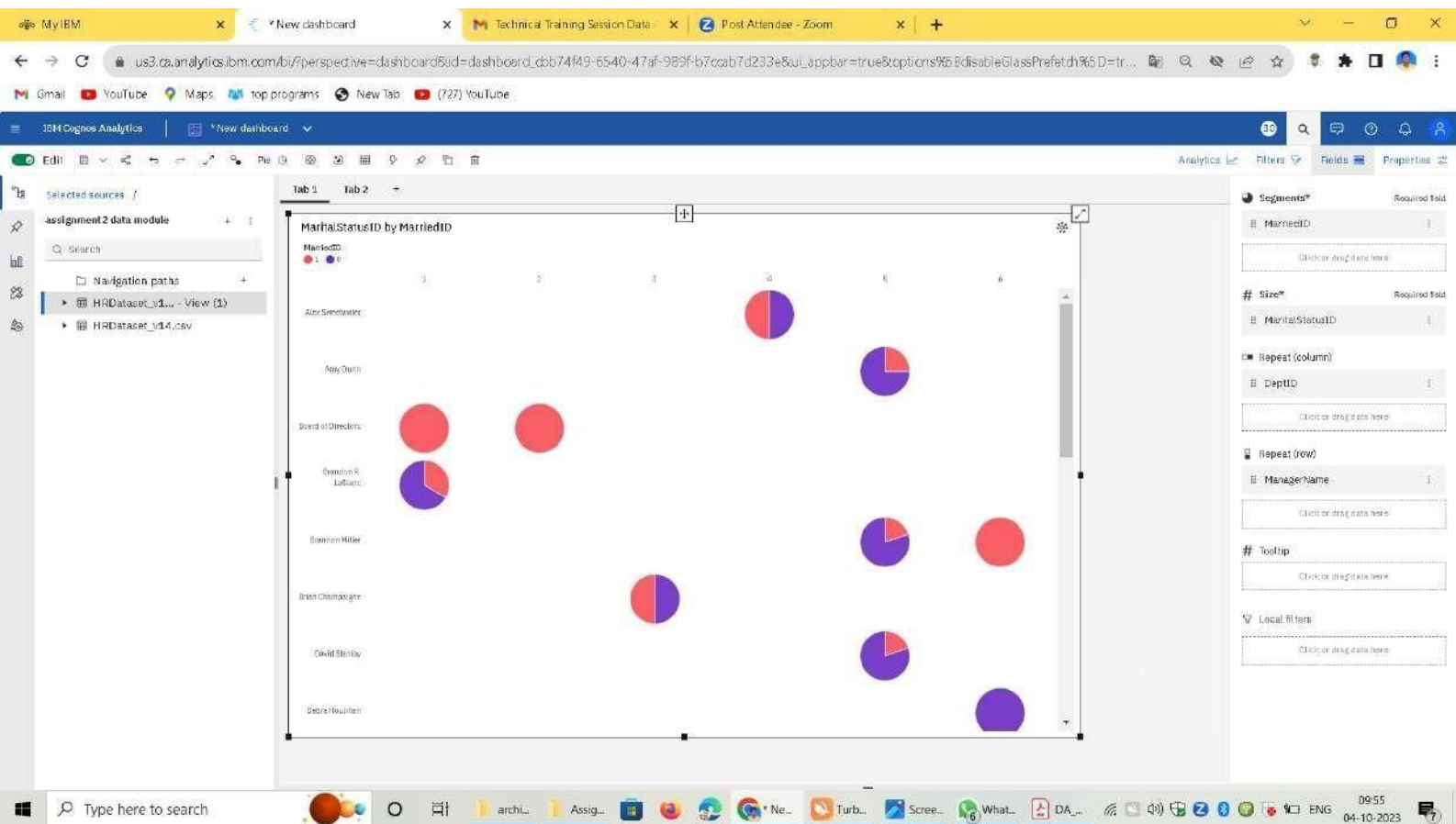
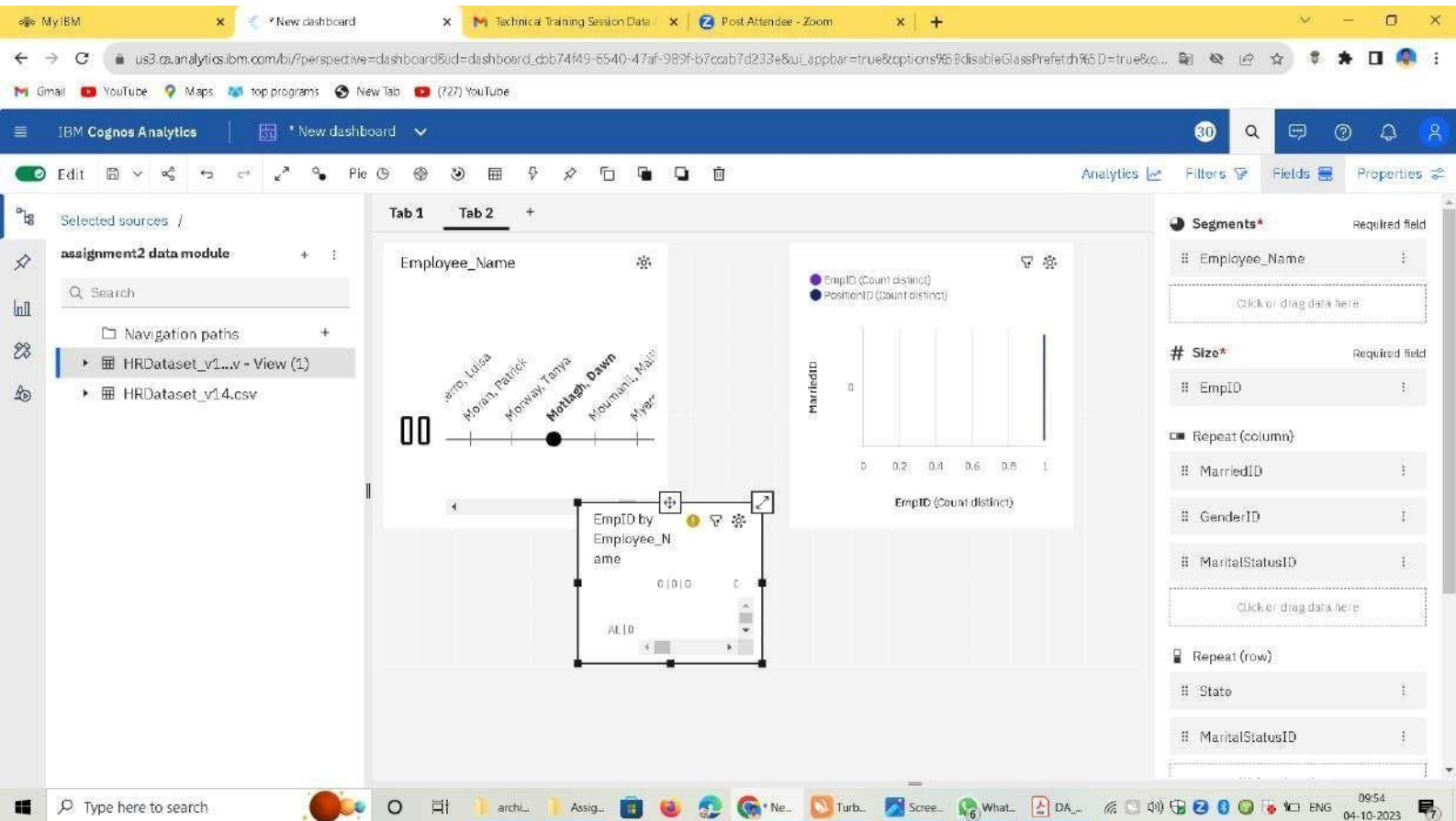
No visualization selected

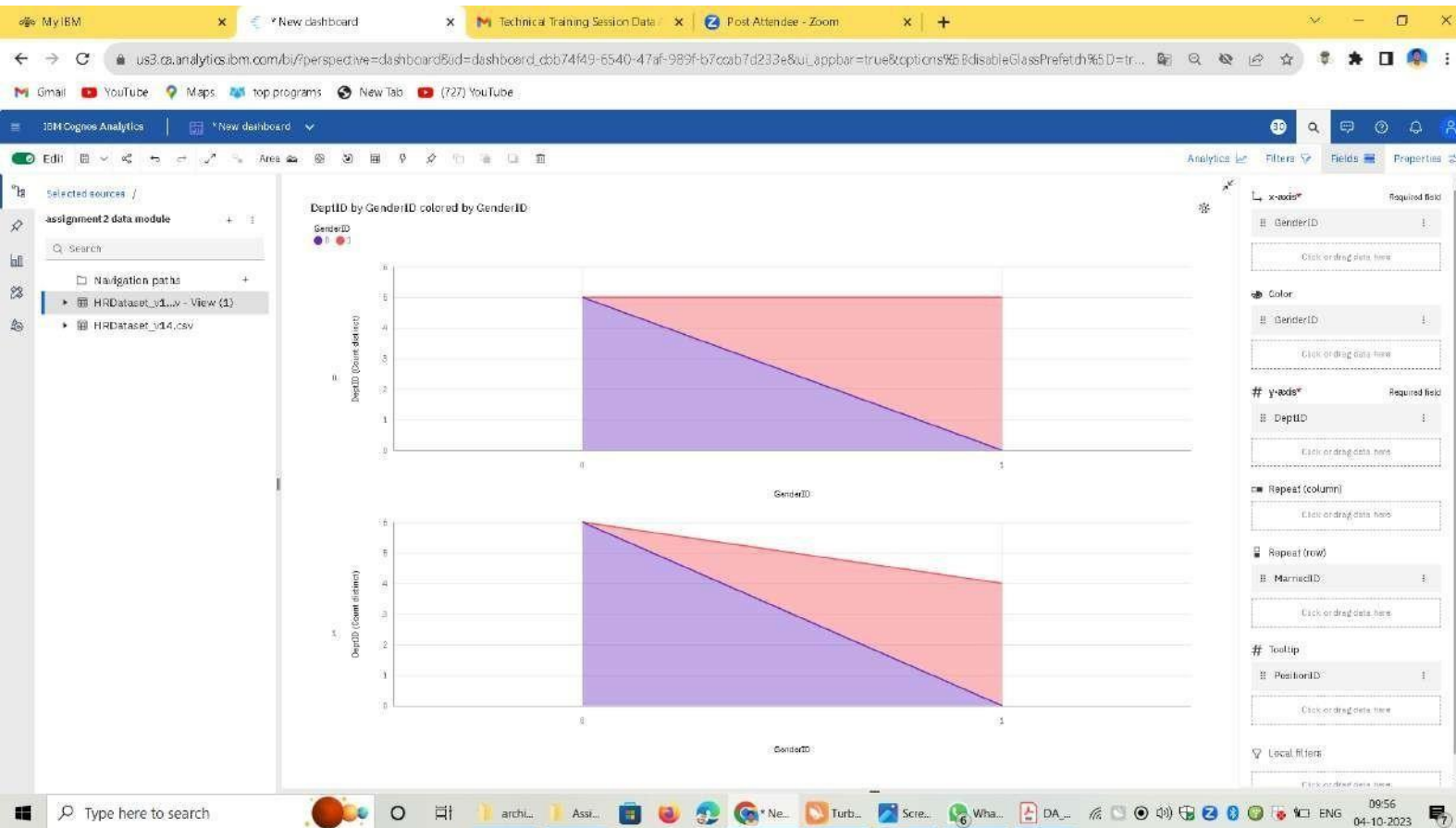
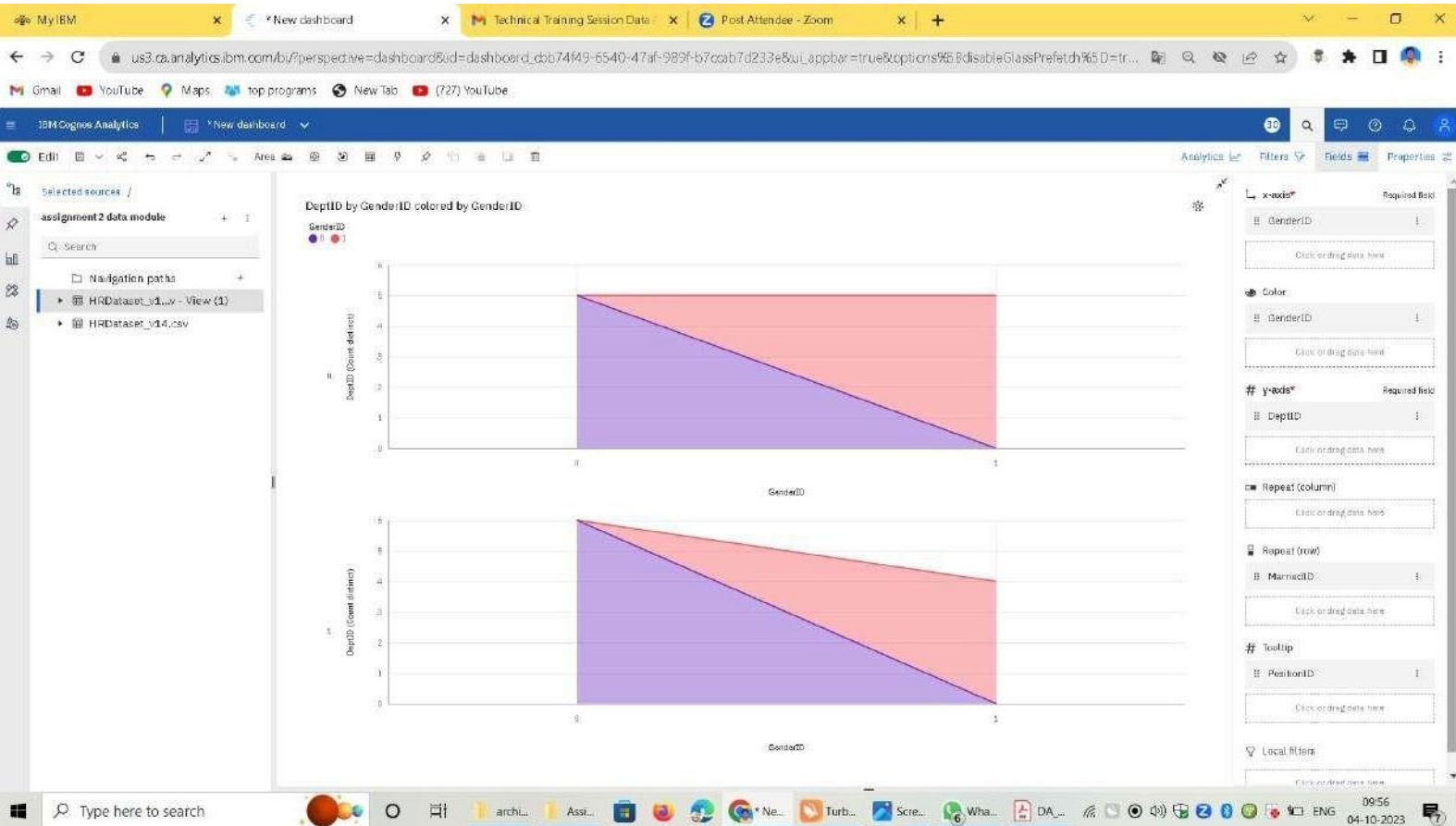
Select a visualization to manage the field settings.

Type here to search

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







IBM Cognos Analytics interface showing a report titled "New active report" on "Page1". The interface includes a toolbar with various icons for report design, a left sidebar with "Insertable objects" (Text item, Block, Table, List, Crosstab, Visualization), and a right sidebar with "Table" properties (Conditional styles, General, Interactive behavior, Box, Color & background, Font & text).

Google Colab interface showing a Jupyter Notebook titled "Untitled4.ipynb". The notebook contains a code cell with 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 code cell is followed by a text cell containing "sample pie chart". The output of the code is 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 sidebar shows a table titled "House Price India.csv" with columns: id, Date, number of bedrooms, and number of bathrooms. The table displays 10 entries.

id	Date	number of bedrooms	number of bathrooms
6762810145	42491	5	2.5
6762810635	42491	4	2.5
6762810898	42491	5	2.75
6762812605	42491	4	2.5
6762812919	42491	3	2
6762813105	42491	3	2.5
6762813157	42491	5	3.25
6762813593	42491	3	1.75
6762813600	42491	3	2.5
6762814461	42491	4	2.25

The bottom status bar indicates "0s completed at 11:31 AM".

My IBM

New story

New report

Technical Training Session

Data Analytics Session 4

Untitled4.ipynb - Colaboratory

colab.research.google.com/drive/13oU07TPPh3DO7ryVK8bqpENFXKdF9Yb5?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
6762814461	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