

ARJUN COLLEGE OF TECHNOLOGY

ASSIGNMENT – 2

NAAN MUDHALVAN

NAME : MADALA CHAITANYA

REG NO: 723920243024

My IBMHome

us3.ca.analytics.ibm.com/bi/?perspective=home

GmailYouTubeMaps

IBM Cognos Analytics

30

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

peruvailu kamal (92039...
peruvailukamal@gmail.com
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IBM Cognos Analytics Mobile

Log out

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

My IBMNew data moduleTechnical Training Session DataPost Attendee - Zoom

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=2519307625_64dc168efa1f47bd...sessionTemp&objRef=8&id=2519307625_64dc168efa1f47bd...

GmailYouTubeMapsTop programsNew Tab(727) YouTube

IBM Cognos Analytics

New data module

30

Initializing file upload...CancelDetails

Data module

Search

New data module

Navigation paths

HRDataset_v14.csv

Row ID

Employee_Name

EmpID

MarriedID

MaritalStatusID

GenderID

EmpStatusID

DeptID

PerfScoreID

PromDate...FairID

Salary

TermID

PositionID

Position

Grid

Relationships

Custom tables

Loading data...

Diagram settings

Cardinality

Focus mode

Degrees of separation 1

1

Type here to search

arc...Ass...Hu...C...N...Tur...Scr...Zo...Wh...DA...

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_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

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

New data module

- Navigation paths
- HRDataset_v14.csv
 - # Row ID
 - # Employee_Name
 - # EmpID
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 - # EmpStatusID
 - # DeptID
 - # PerfScoreID
 - # 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.

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
- # FromDiver...JobFairID
- Salary
- TermID
- # PositionID

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	

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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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

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=IACC1319E867942B4807AEC89C67685D8&objRef=IACC1319E867942B4807AEC89C67685D8&id=2178461845_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

arc... Ass... Hu... ass... Tur... Scr... Zo... Wh... DA... ENG 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_15c34e89-bab5-4da-8d11-13c7dbf00282&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5...

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.viz.vizbundles/rave2cor"

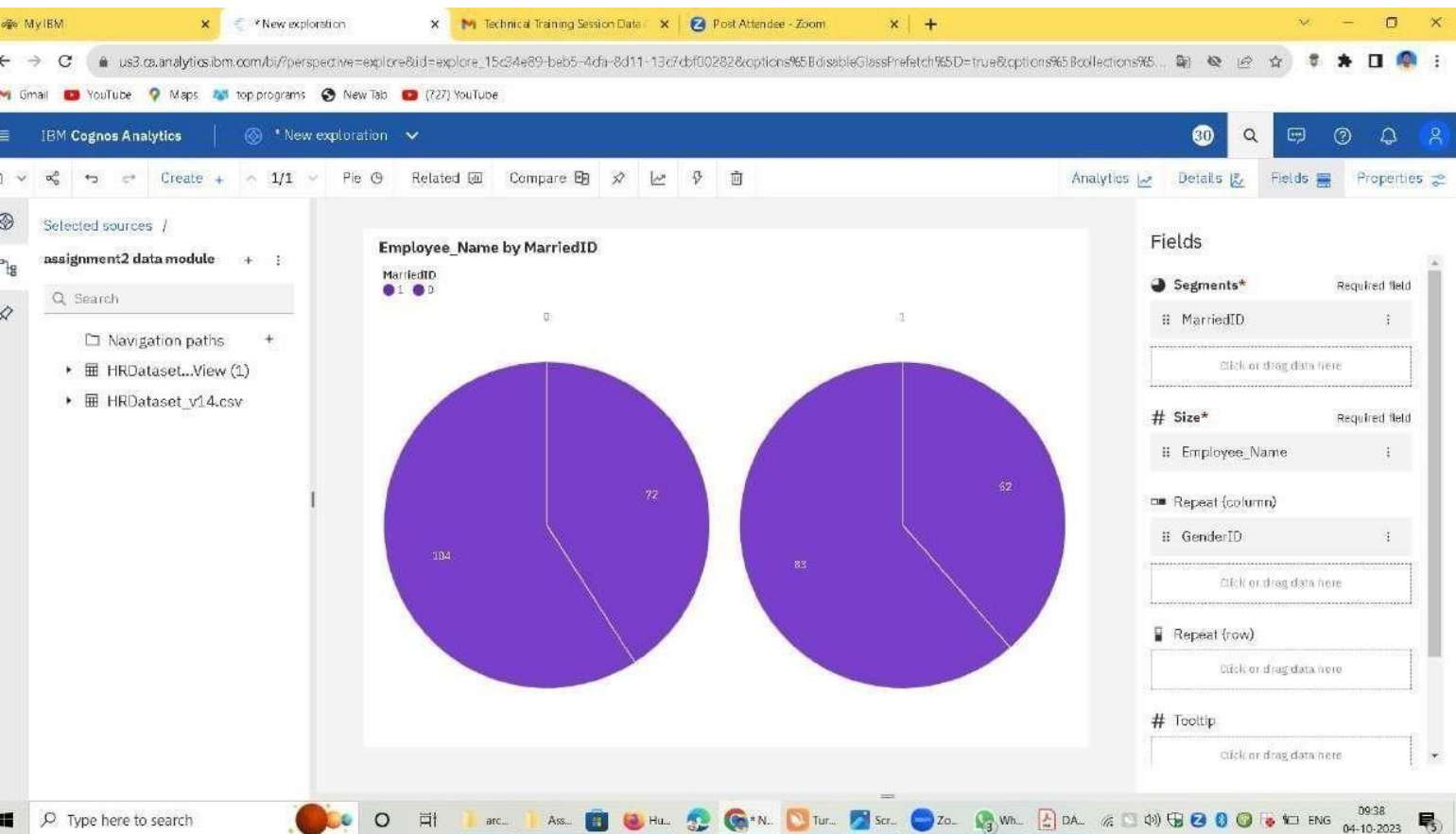
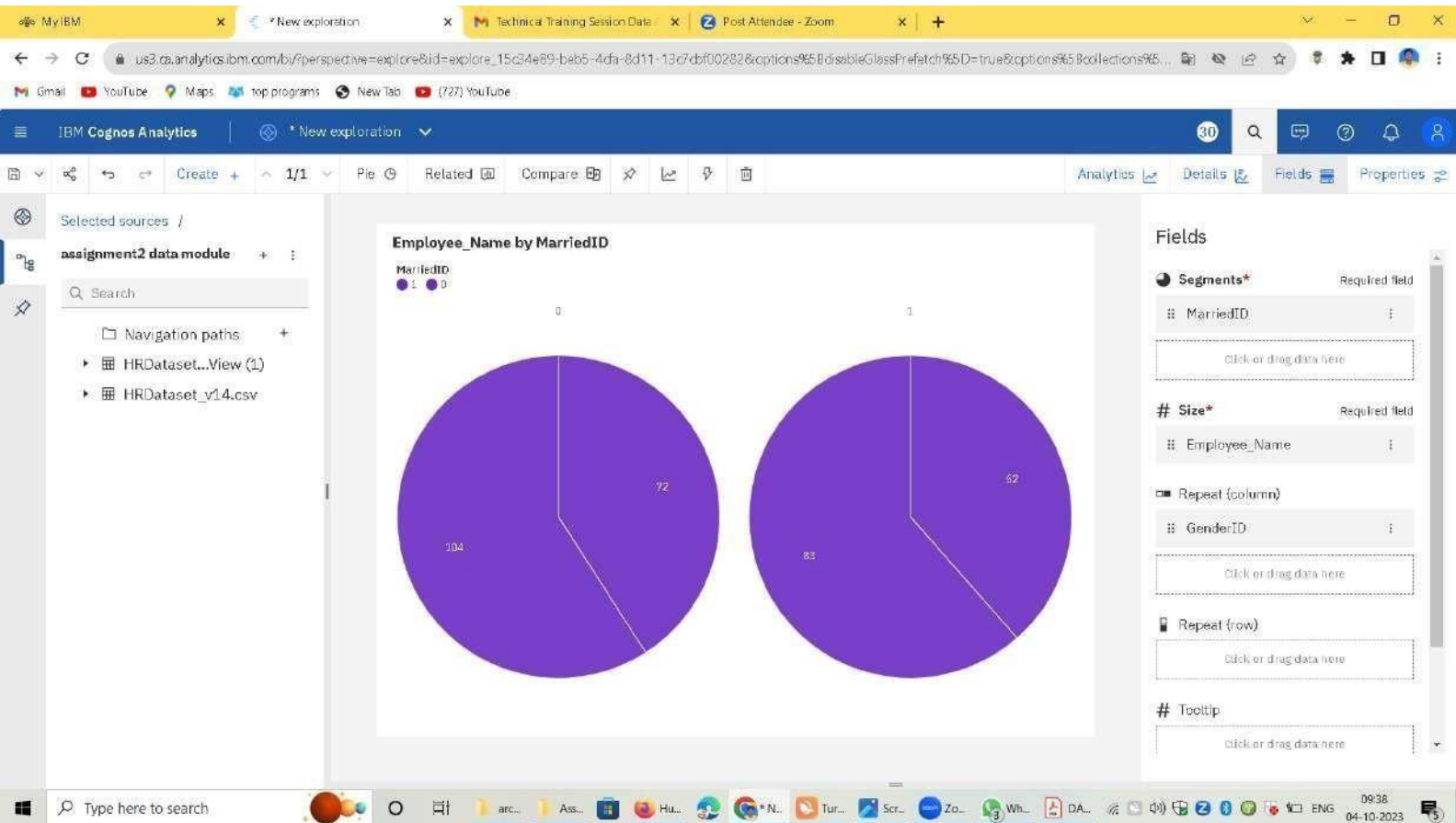
Add +

DaysLateLast30 and Salary by Department

Error: Script error for

Type here to search

arc... Ass... Hu... *N... Tur... Scr... Zo... Wh... DA... ENG 09:37 04-10-2023



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-b7ccab7d233e&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&...

IBM Cognos Analytics | New dashboard

Selected sources / assignment2 data module

- Navigation paths
- HRDataset_v1...v - View (1)
- HRDataset_v14.csv

Tab 1 Tab 2

Employee_Name

00

No visualization selected

Select a visualization to manage the field settings.

Type here to search

arch... Assi... N... Tur... Scr... Zoo... Wh... DA... ENG 09:47 04-10-2023

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-b7ccab7d233e&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&...

IBM Cognos Analytics | New dashboard

Selected sources / assignment2 data module

- Navigation paths
- HRDataset_v1...v - View (1)
- HRDataset_v14.csv

Tab 1 Tab 2

Employee_Name

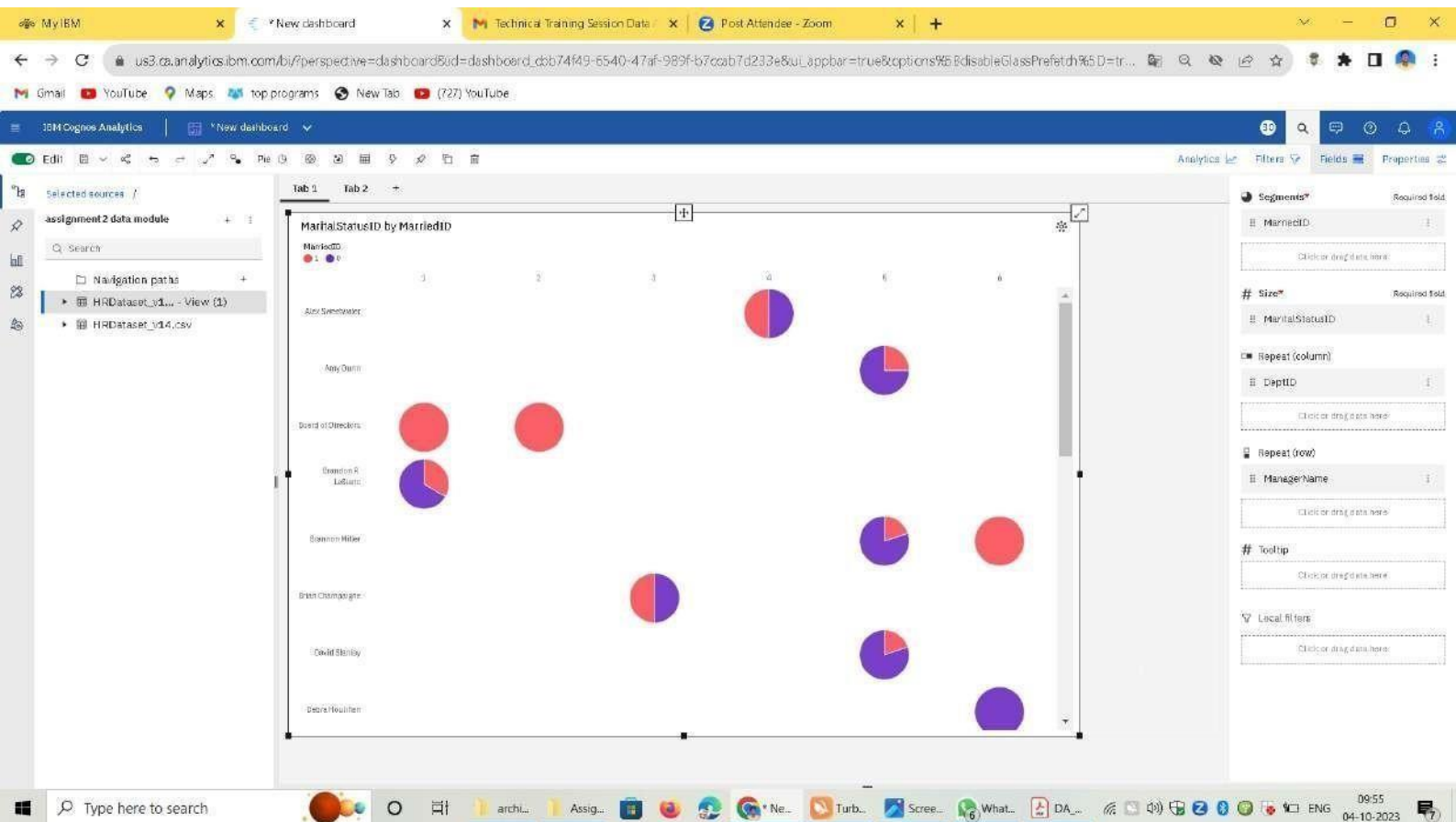
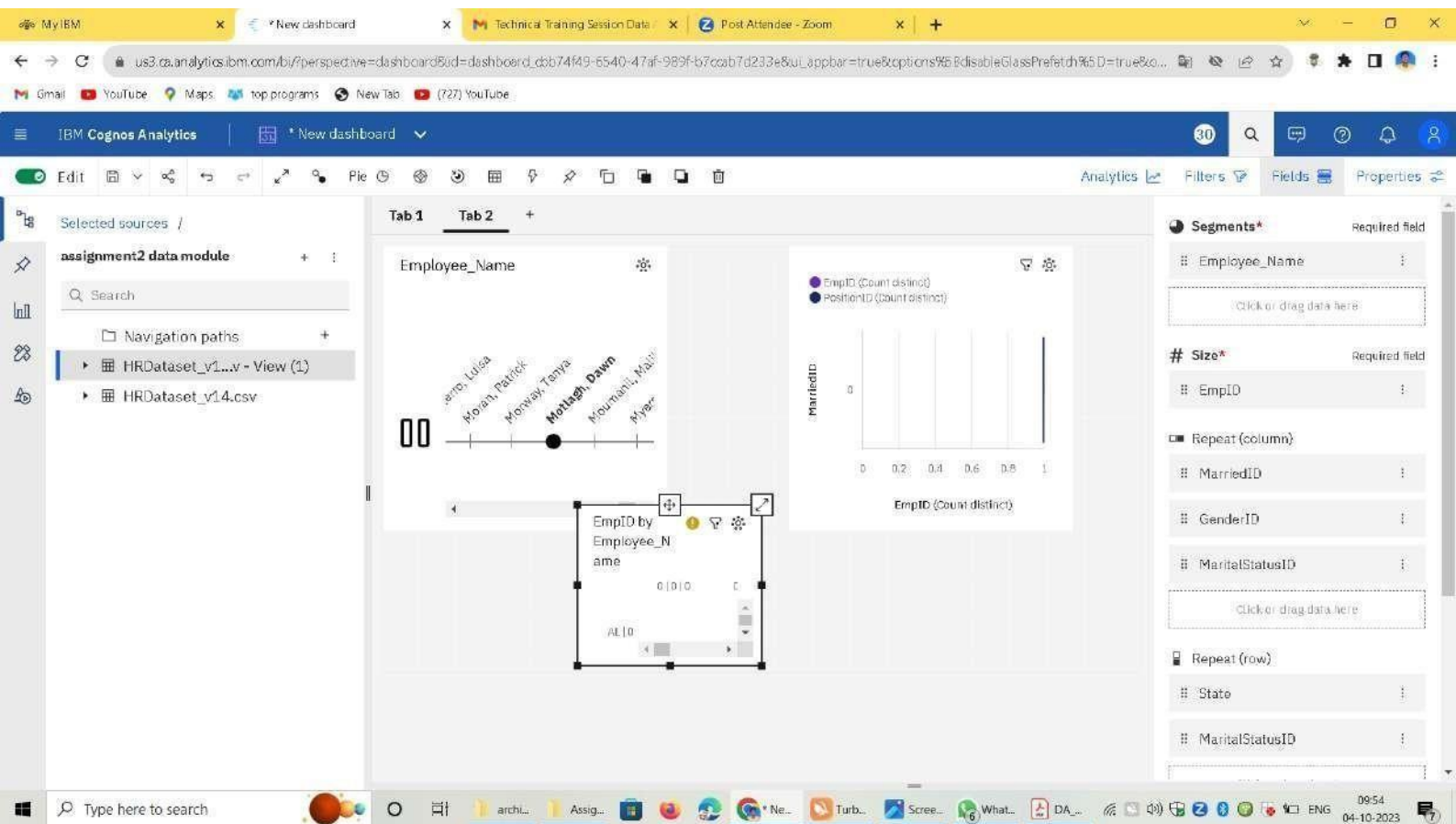
00

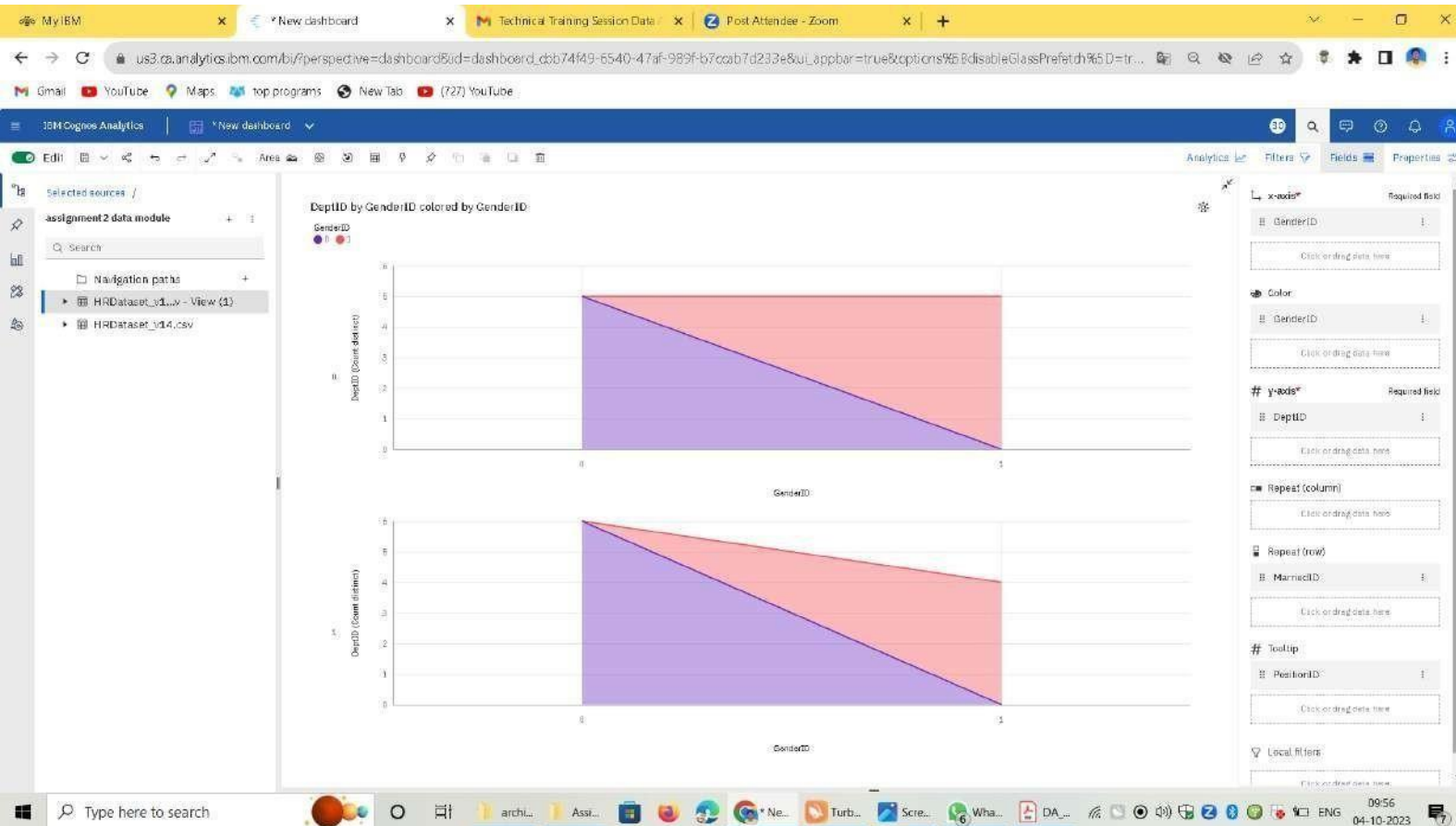
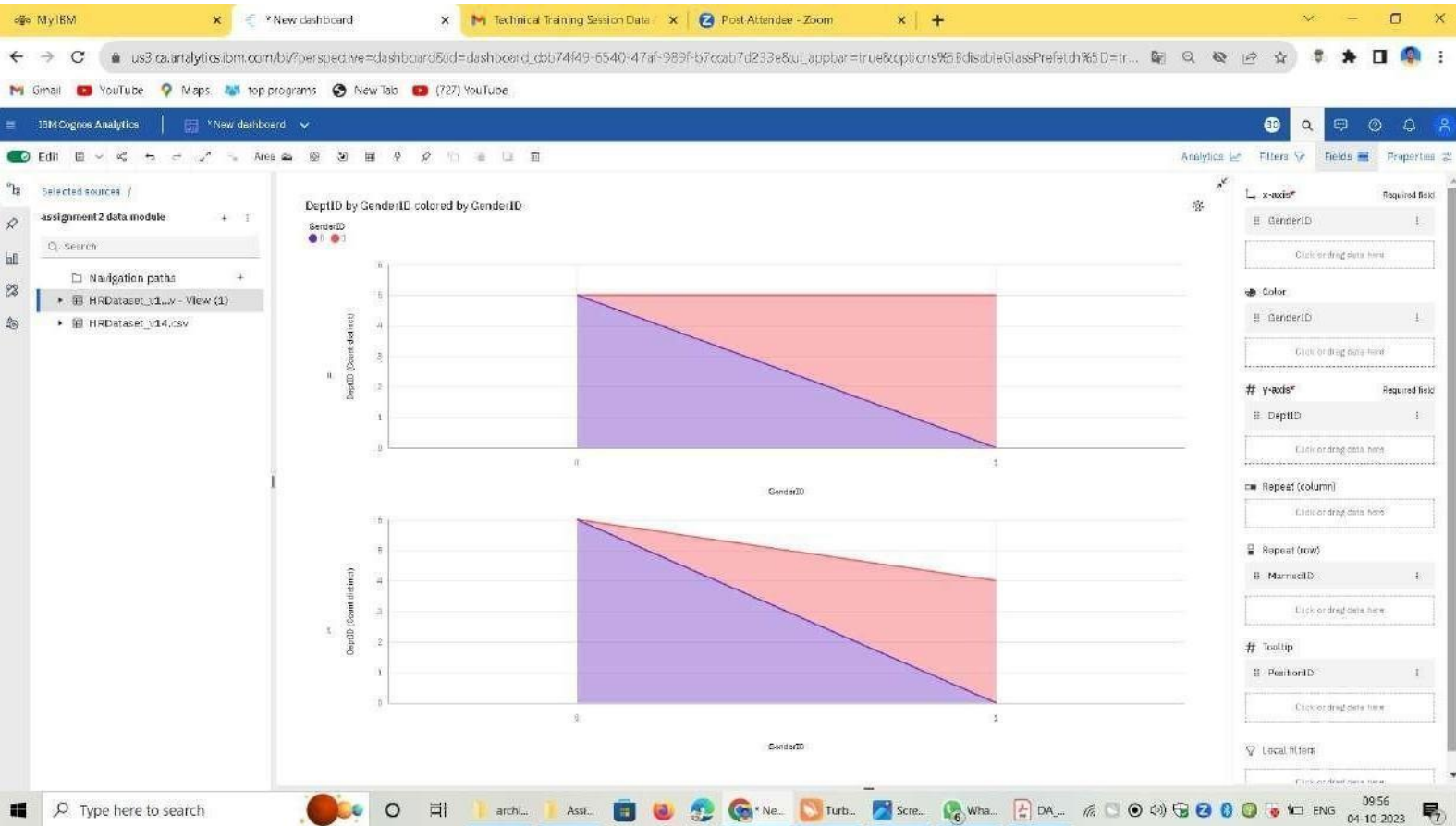
No visualization selected

Select a visualization to manage the field settings.

Type here to search

arch... Assi... N... Tur... Scr... Zoo... Wh... DA... ENG 09:47 04-10-2023





IBM Cognos Analytics interface showing a report design workspace. The left pane displays 'Insertable objects' categorized by 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

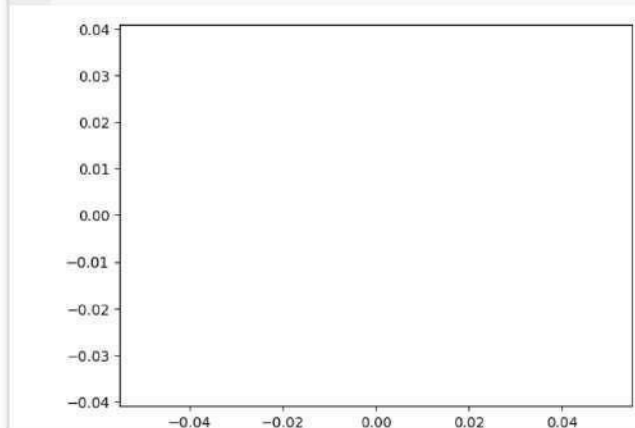
Files

sample_dataHouse Price India.csv

[9]

CategoryB

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



1s completed at 11:33 AM

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

Type here to search

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

11:33 04-10-2023