

ARJUN COLLEGE OF TECHNOLOGY
ASSIGNMENT – 2
NAAN MUDHALVAN

NAME : PERUVAILU KAMAL

REG NO: 723920243039

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

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_64dc168efa1f47bd... | 30 | Search | Chat | Help | Profile

IBM Cognos Analytics | New data module

Analyzing HRDataset_v14.csv Cancel Details

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 - # 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)

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Search

- HRDataset_v14.csv
- # Row ID
- Employee_Name
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- # FromDiver...JobFairID
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- TermID
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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)

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

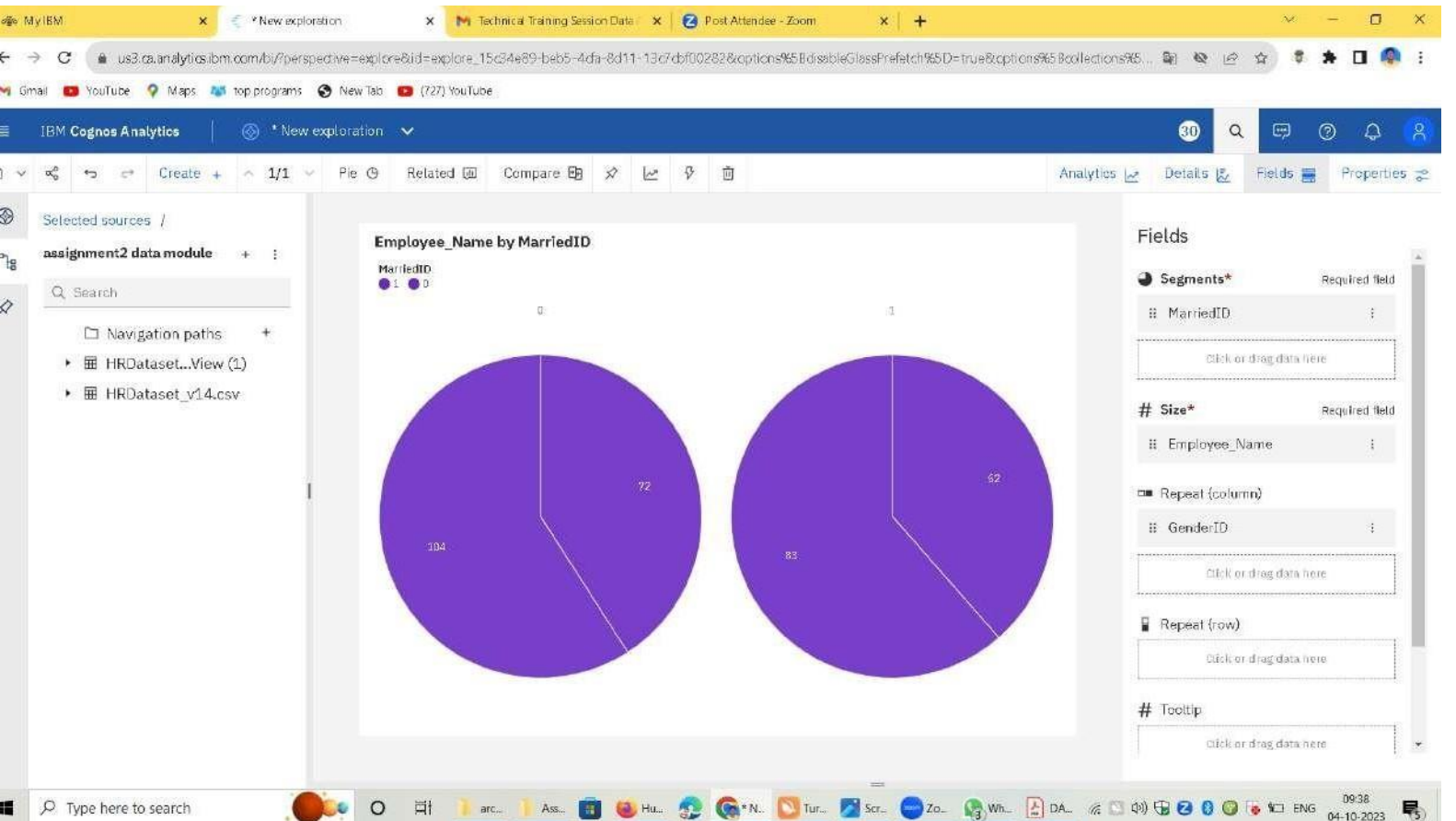
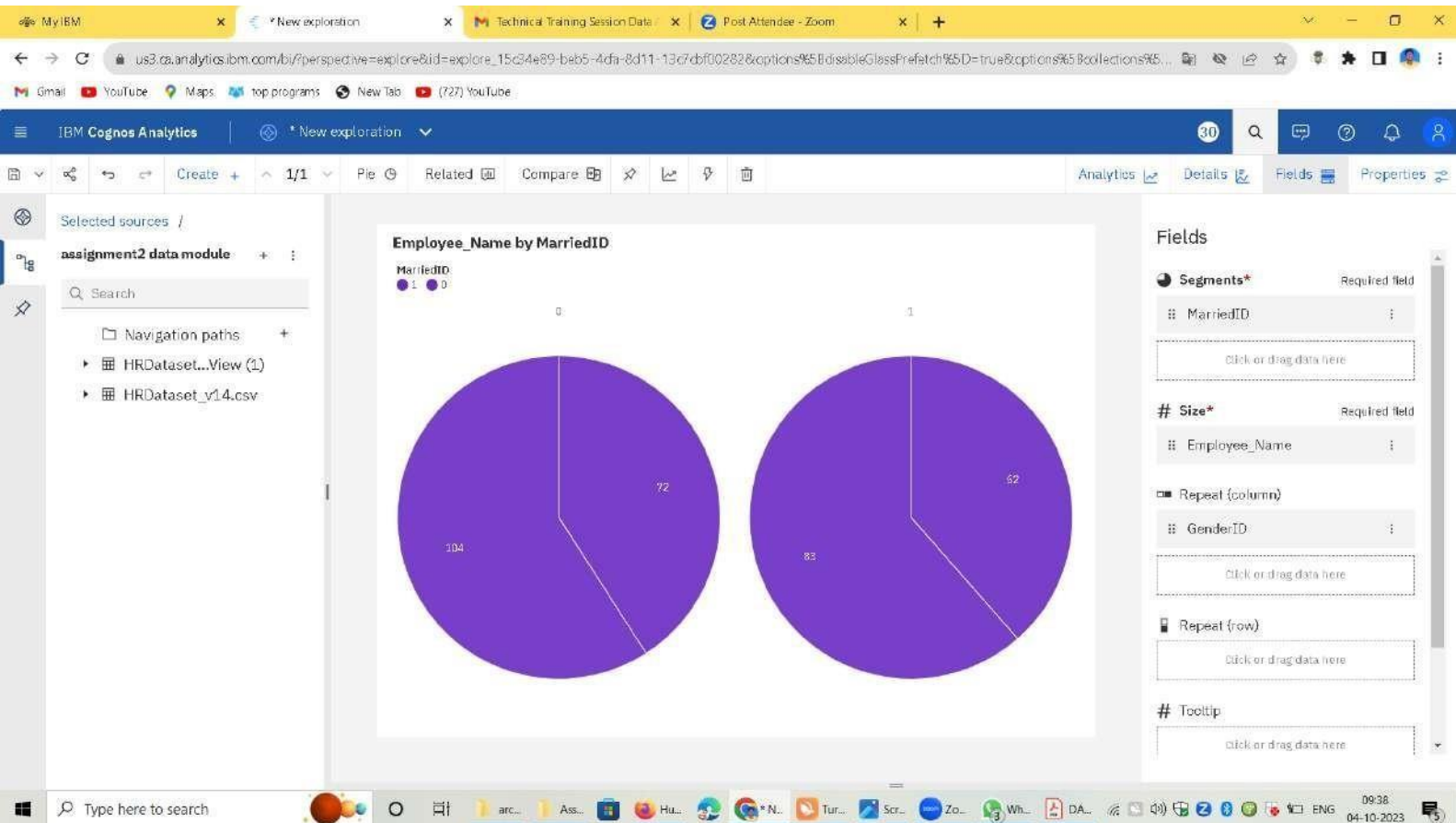
Name	Type	Last Modified
ass 1 data module	Data module	10/3/2023, 12:38 PM
assignment2 data module	Data module	10/3/2023, 11:06 PM
HRDataset_v14.csv	Uploaded file	10/3/2023, 11:03 PM
market sales data module	Data module	10/3/2023, 11:45 AM
supermarket_sales - Sheet1.csv	Uploaded file	10/3/2023, 11:36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

The background shows a tree view of the "assignment2 data module" with fields like Employee_Name, EmpID, MarriedID, MaritalStatusID, GenderID, EmpStatusID, DeptID, PerfScoreID, FromDrive...bFairID, Salary, TermID, PositionID, Position, and State.

IBM Cognos Analytics interface showing the "Explore data relationships" view. The central diagram displays a relationship network centered on "Salary", connected to various fields:

- SpecialProjectsCount
- PositionID
- Department
- DeptID
- DateofHire
- Position
- ManagerID
- Manager Name
- State

The interface includes a search bar for "Salary", a "Reset to original" button, and a "Select a visualization" panel on the right. The panel shows a list of visualizations related to "Salary", including "Salary" and "DaysLateLast30 and Salary by Department".



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&u_l_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&ud=dashboard_dcb74f49-6540-47af-989f-b7ccab7d233e&u_l_appbar=true&options%5BdisableGlassPrefetch%5D=true&...

GmailYouTubeMapsTop programsNew Tab(727) YouTube

IBM Cognos Analytics

New dashboard

30

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Employee_Name

00

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Barbara, Thom

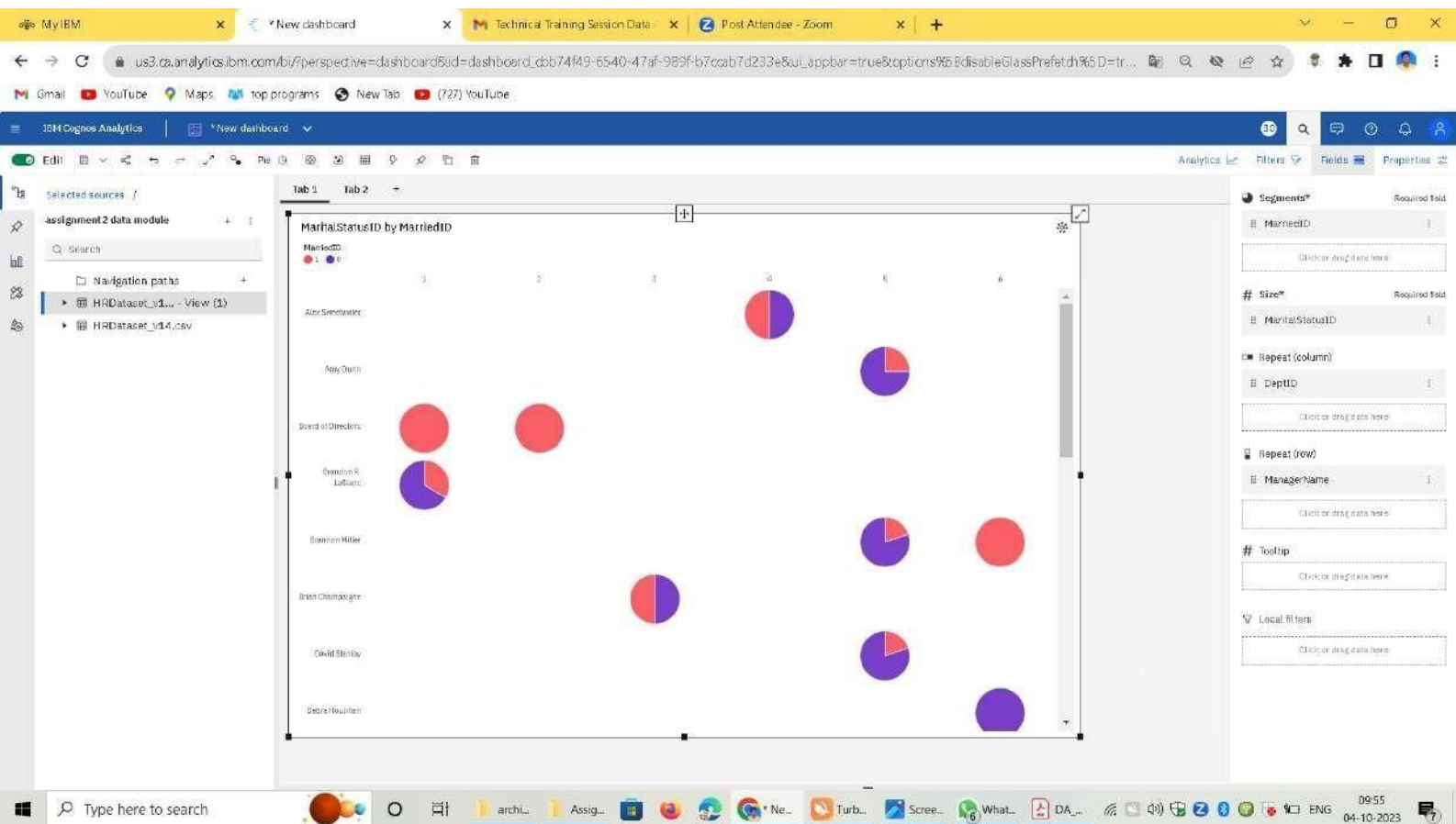
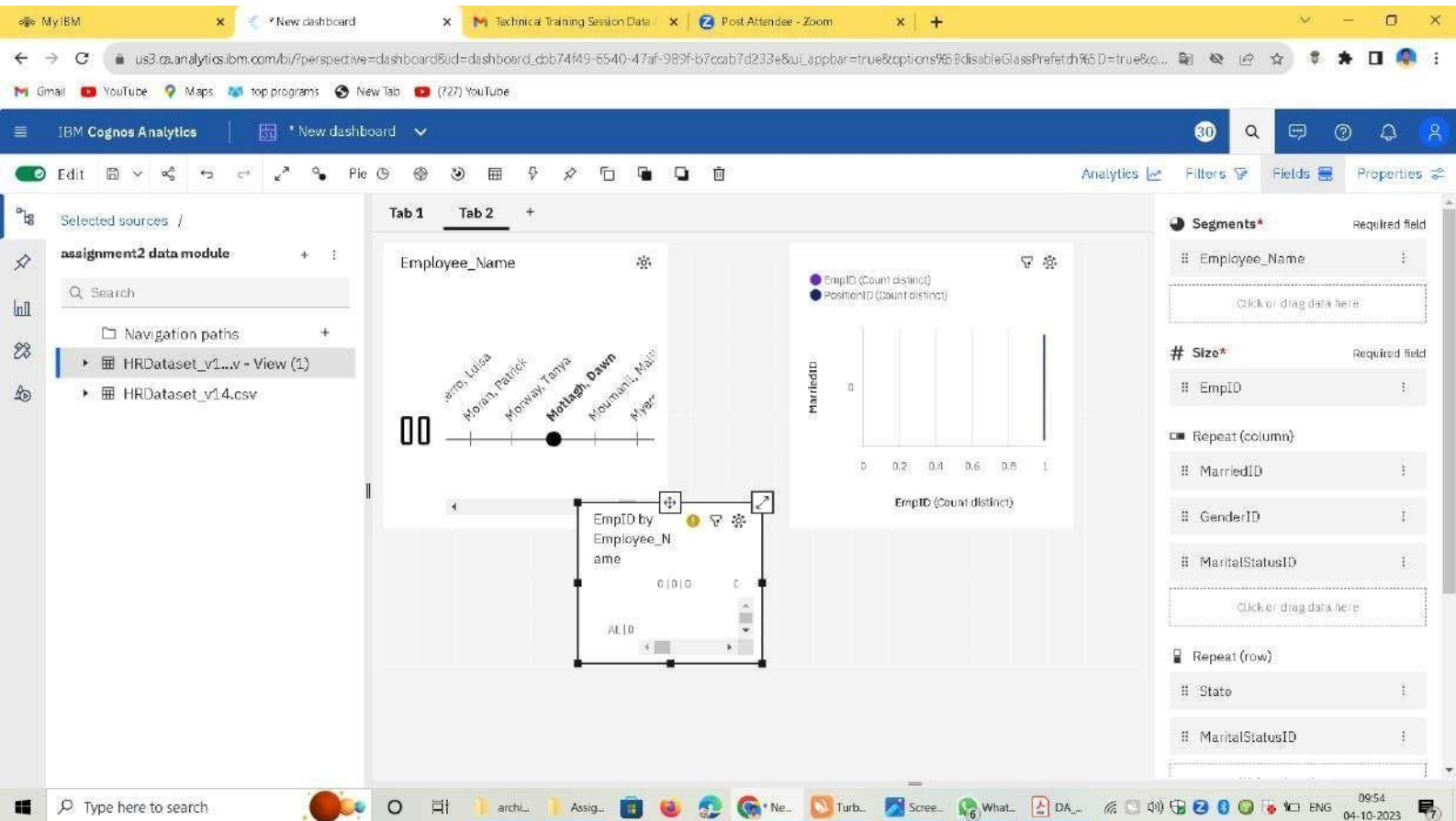
Baron

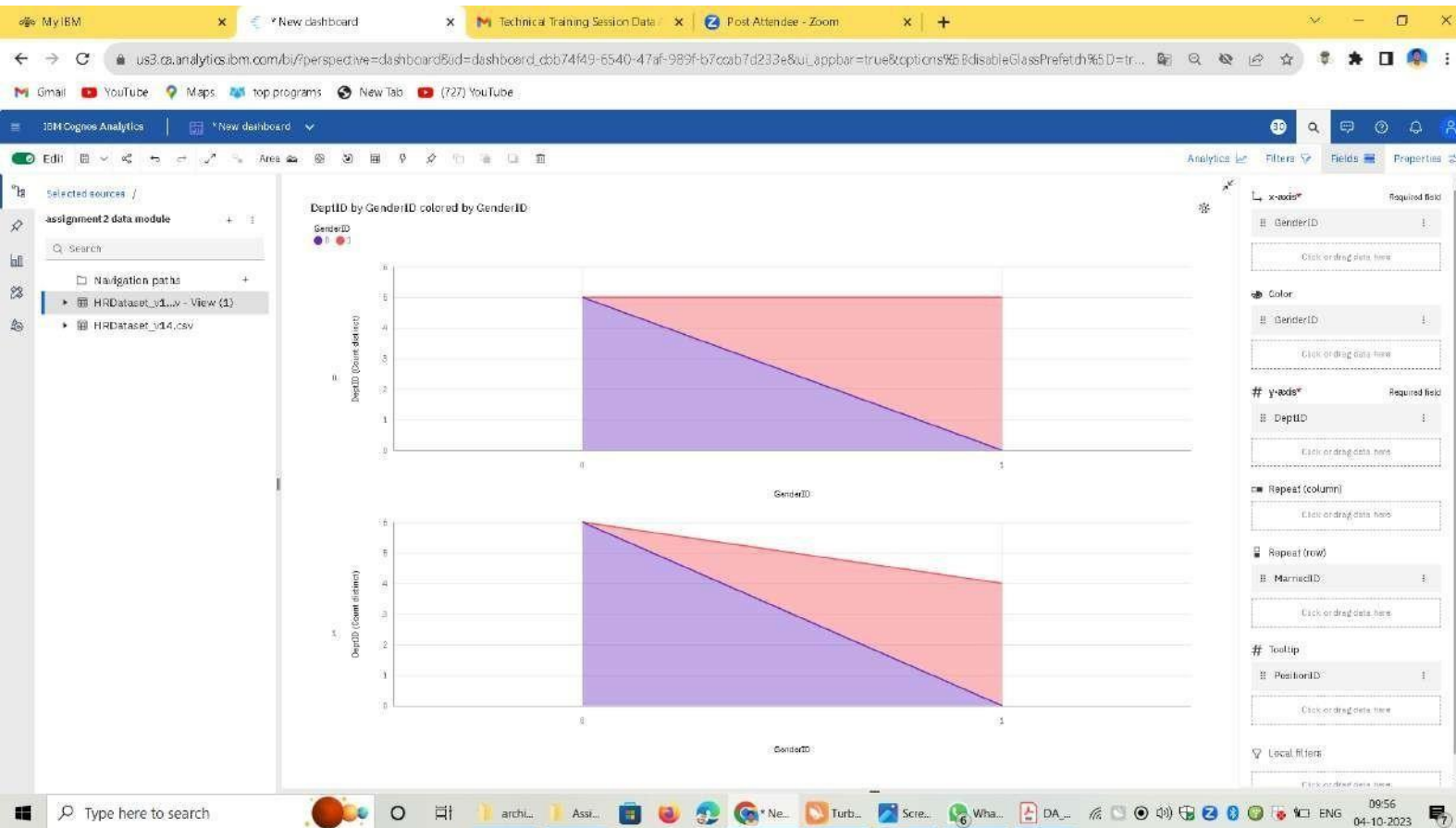
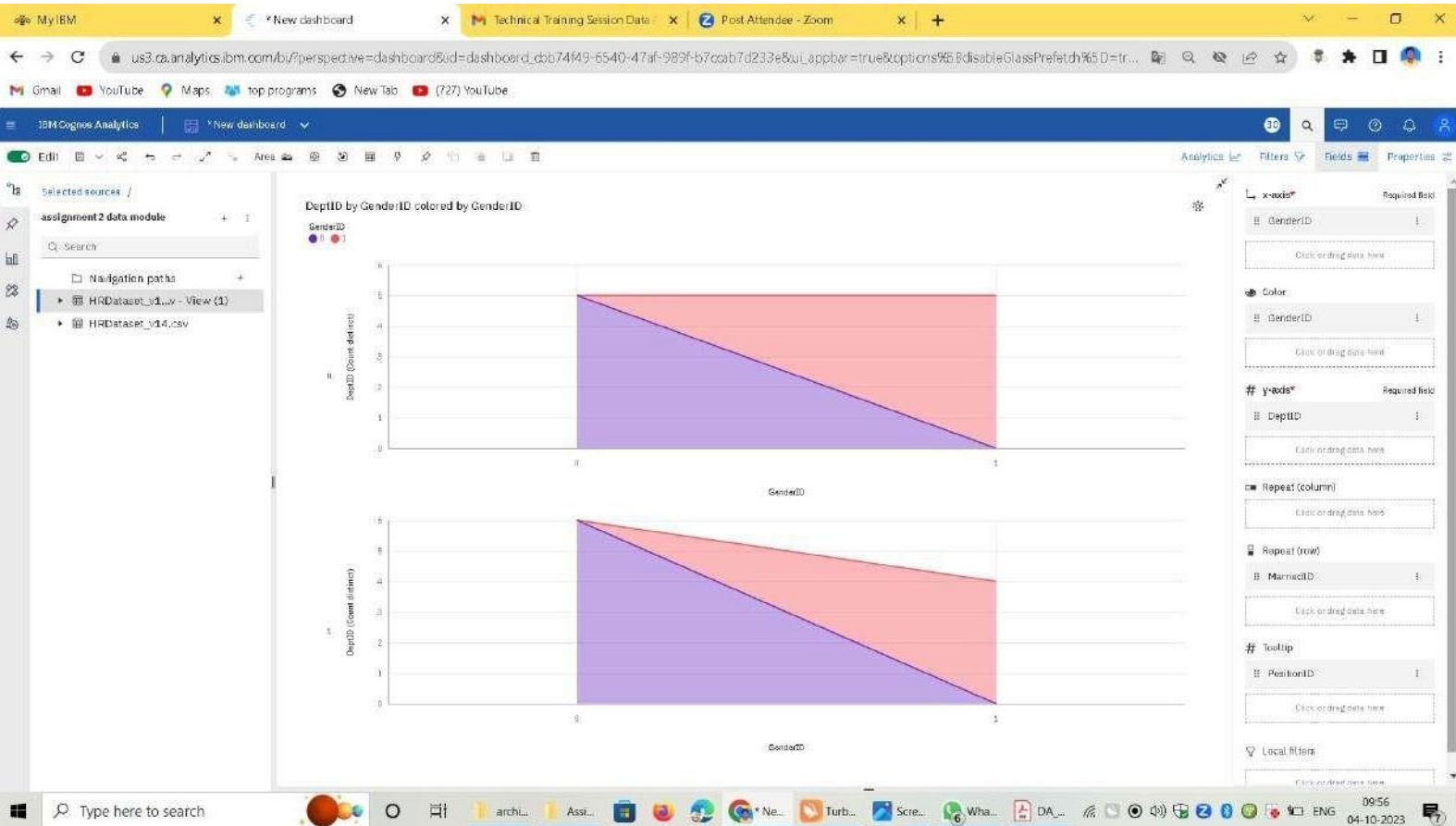
No visualization selected

Select a visualization to manage the field settings.

Type here to search

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





My IBM | *New active report | New report | Technical Training Session Data | Post Attendee - Zoom

us3.ca.analytics.ibm.com/bi?perspective=authoring&id=1596393904446

IBM Cognos Analytics | *New active report

Report > Pages > Page1

Insertable objects

- Text item
- Block
- Table
- List
- Crosstabs
- Visualization

TEXTUAL

LAYOUT

DATA CONTAINER

ACTIVE REPORT

ADVANCED

Table

- CONDITIONAL
 - Conditional styles
 - Style variable
 - Render variable
- GENERAL
 - Pagination
- INTERACTIVE BEHAVIOR
 - Display for orientation: Both
- BOX
 - Border
 - Margin
 - Box type
- COLOR & BACKGROUND
 - Background image
 - Background color
 - Foreground color
 - Drop shadow
- FONT & TEXT
 - Font
 - Horizontal alignment
 - Relative alignment

Type here to search

archi... Assign... Ne... Turb... Screenshot... What... DA...

10:03 04-10-2023

My IBM | *New story | New report | Technical Training Session | Data Analytics Session 4 | Untitled4.ipynb - Collaborator

colab.research.google.com/drive/13oU07TPPh3DO7ryVK3bqPENFKdF9Yb?authuser=0#scrollTo=VRsMhg1QRDgh

Untitled4.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

- sample_data
- House Price India.csv

+ Code + Text

```
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')
```

sample pie Chart

Category A: 16.9%

Category B: 33.7%

Category C: 38.2%

Category D: 11.2%

House Price India.csv

1 to 10 of 14620 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

Show 10 per page

1 2 10 100 1000 1400 1460 1462

0s completed at 11:31 AM

Type here to search

archi... archi... Hou... Unti... Turb... Screenshot... What... AI A...

11:32 04-10-2023

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