

ARJUN COLLEGE OF TECHNOLOGY
ASSIGNMENT – 2
NAAN MUDHALVAN

NAME : GUDI JAGAN

REG NO: 723920104023

IBM Cognos Analytics

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

gudi jagan (61e84df23ac4)
723920104023jagan@gmail.com
Profile and settings

My schedules and subscriptions

Log my session

About

Manage product subscription

Privacy

Cookie Preferences

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

Product tour

Upload data and start creating content

Create content from existing data

IBM Cognos Analytics

New data module

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=2519307625_64dc168efa1f47bd...
Technical Training Session Data

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

FromDive...bFairID

Salary

TermID

PositionID

Position

Grid

Relationships

Custom tables

Loading data...

Diagram settings

Cardinality

Focus mode

Degrees of separation: 1

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

us3.ca.analytics.ibm.com/bj/?perspective=ca-modeler&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

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/bj/?perspective=ca-modeler&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
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Properties

Data module

New data module

- Navigation paths
- HRDataset_v14.csv
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 - 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
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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=ACC1319E867942B4807AEC89C67685D8&objRef=ACC1319E867942B4807AEC89C67685D8&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 CSV	10/3/2023, 11:03 PM
market sales data module	Data module	10/3/2023, 11:45 AM
supermarket_sales - Sheet1.csv	Uploaded file CSV	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%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/vida/vizbundles/rave2cor"

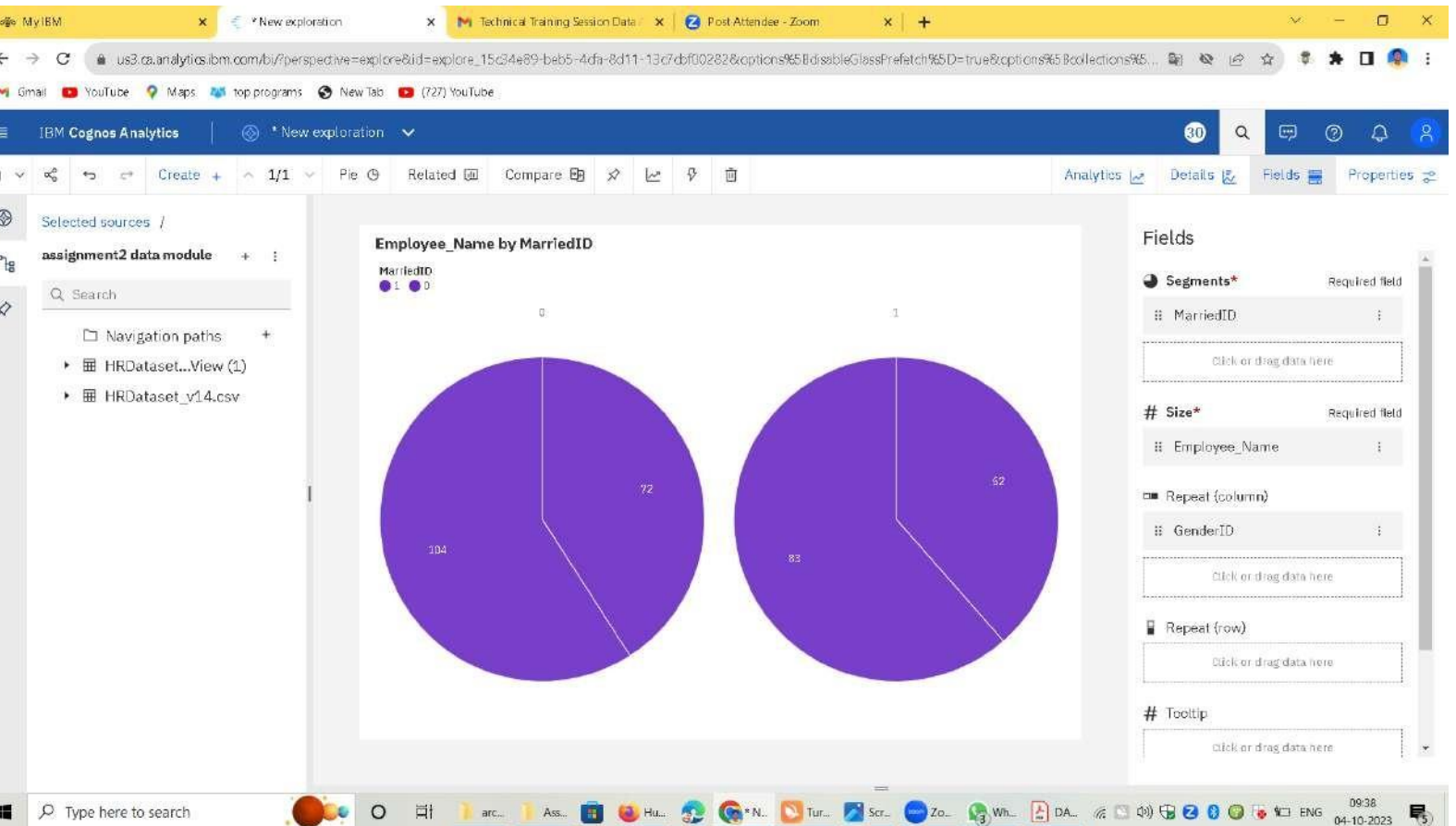
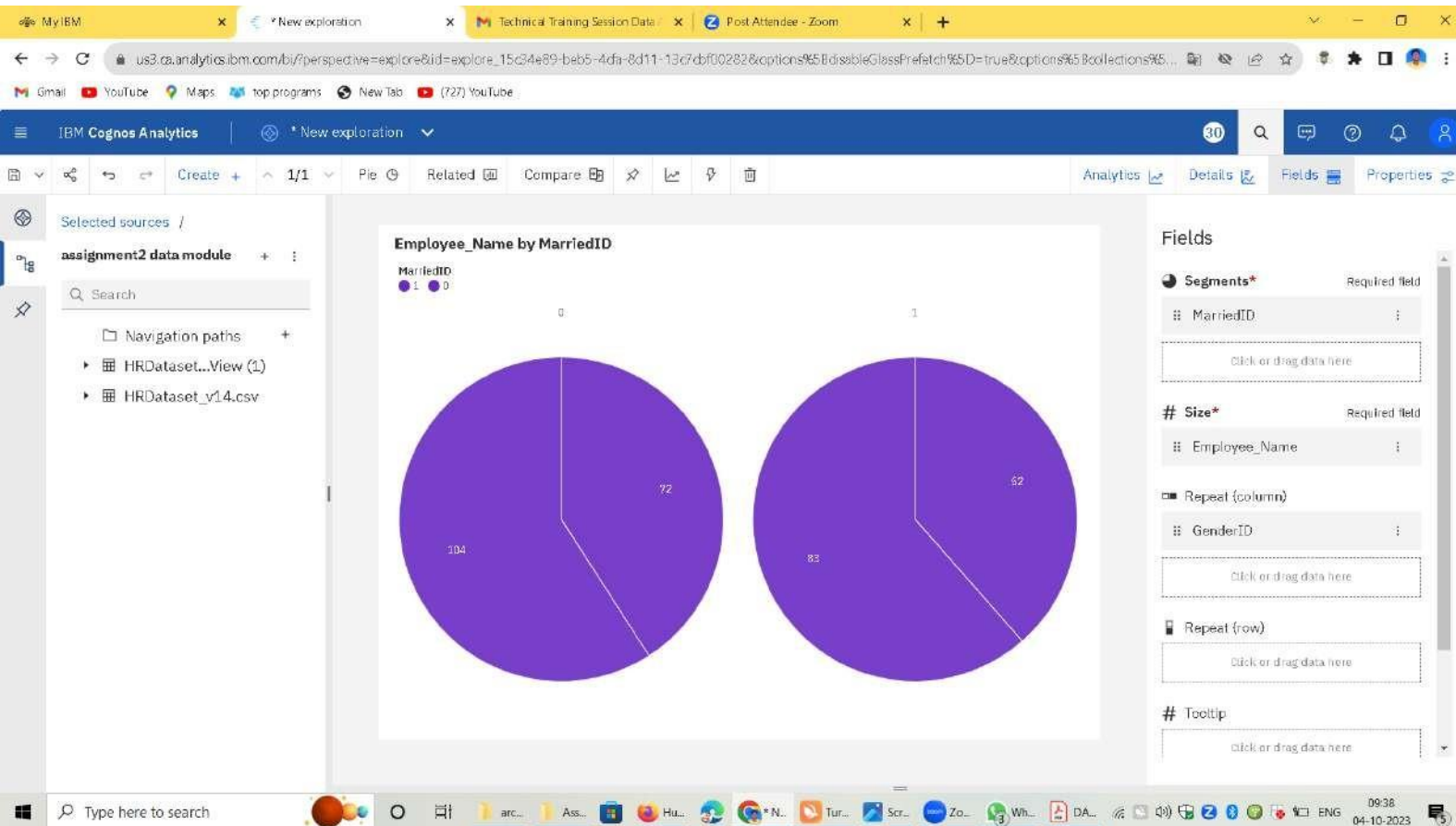
Add +

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

IBM Cognos Analytics | New dashboard

Edit | Analytics | Filters | Fields | Properties

Selected sources /

assignment2 data module

Navigation paths

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

Tab 1 | Tab 2

Employee_Name

00

al, Sam
Bachiochi, Linda
Bacon, Alejandro
Bacanzeti, Rachael
Barbara, Thom
Baylor

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&u_appbar=true&options%5BdisableGlassPrefetch%5D=true&co...

IBM Cognos Analytics | New dashboard

Edit | Analytics | Filters | Fields | Properties

Selected sources /

assignment2 data module

Navigation paths

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

Tab 1 | Tab 2

Employee_Name

00

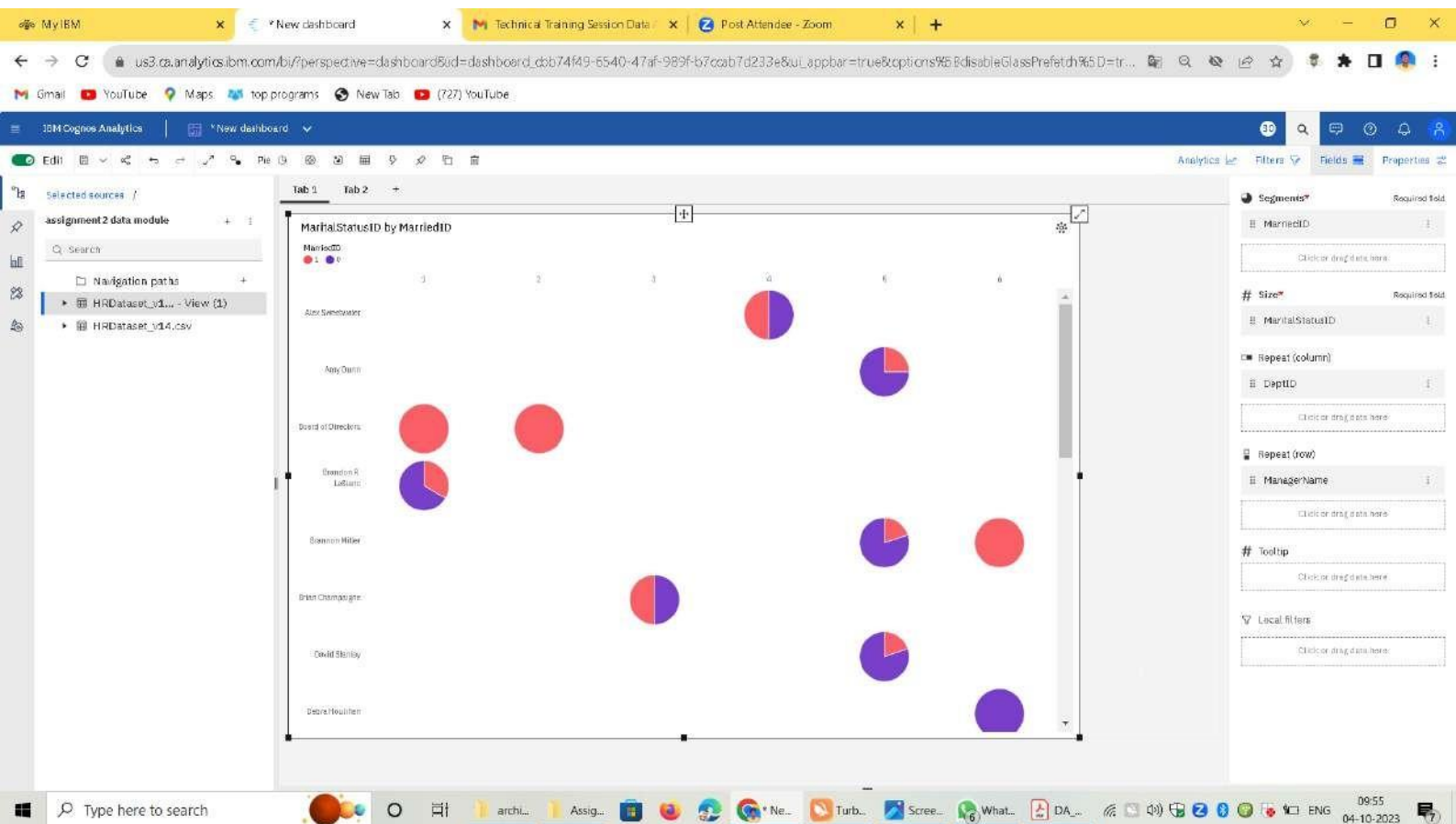
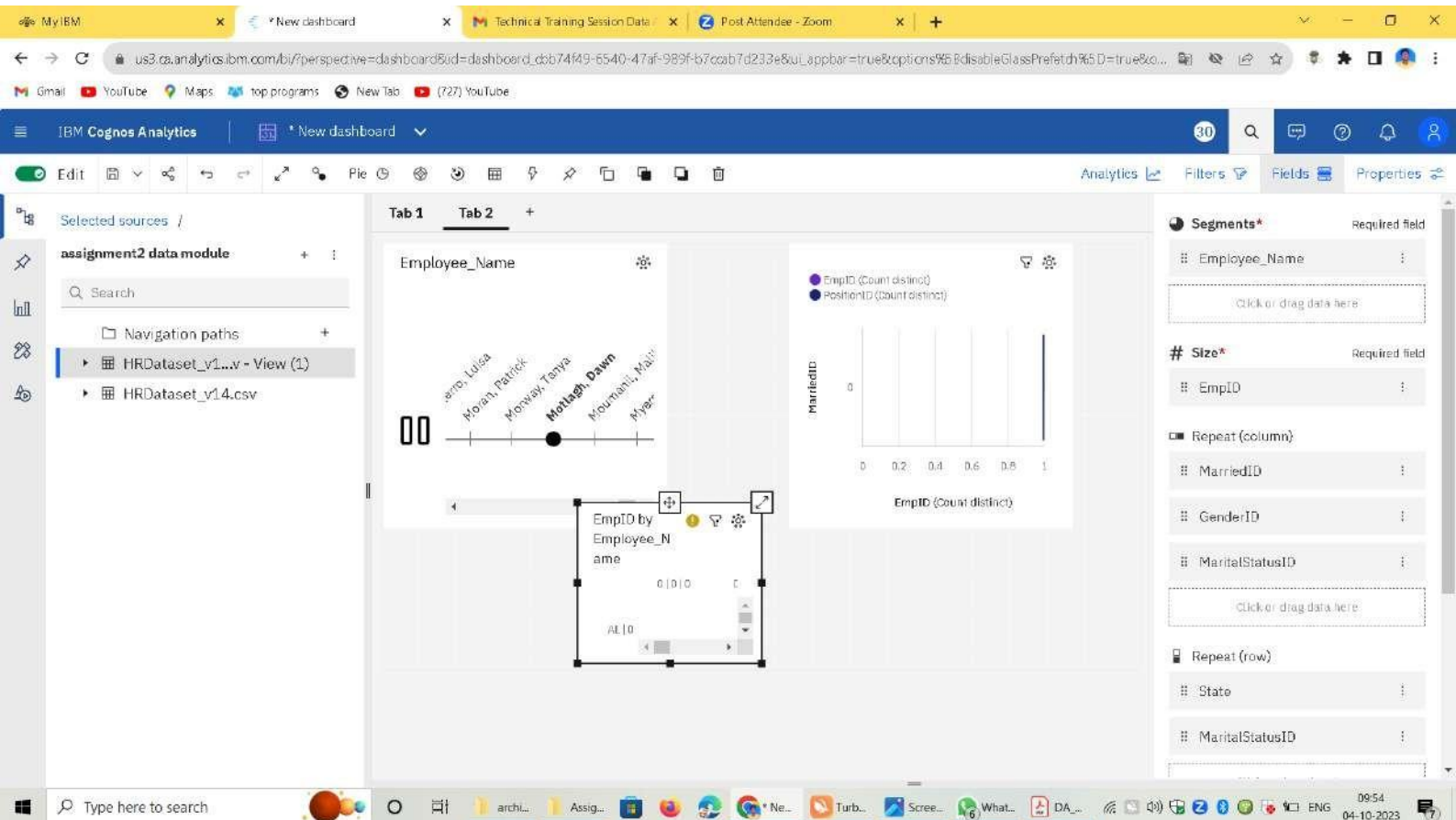
al, Sam
Bachiochi, Linda
Bacon, Alejandro
Bacanzeti, Rachael
Barbara, Thom
Baylor

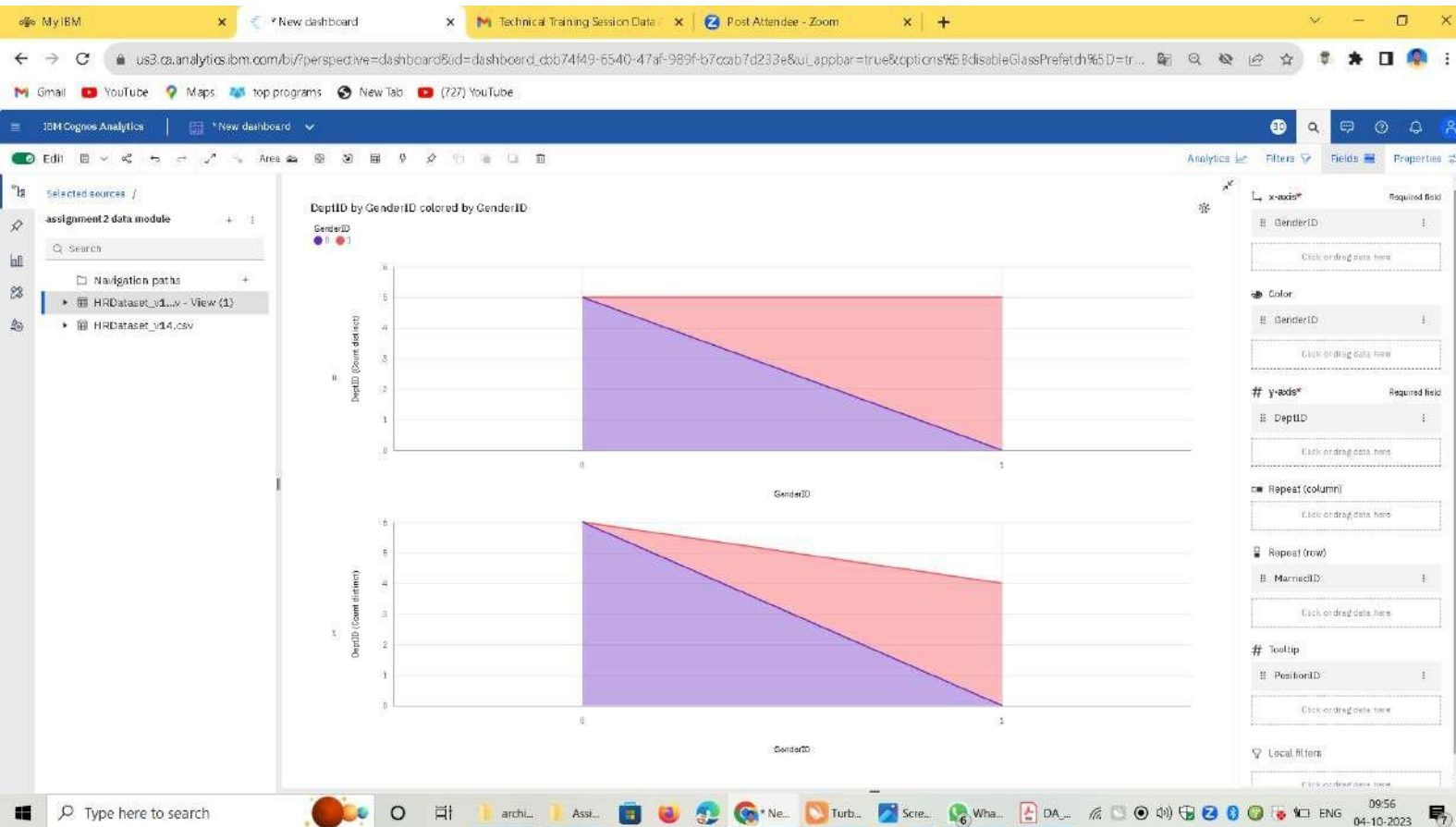
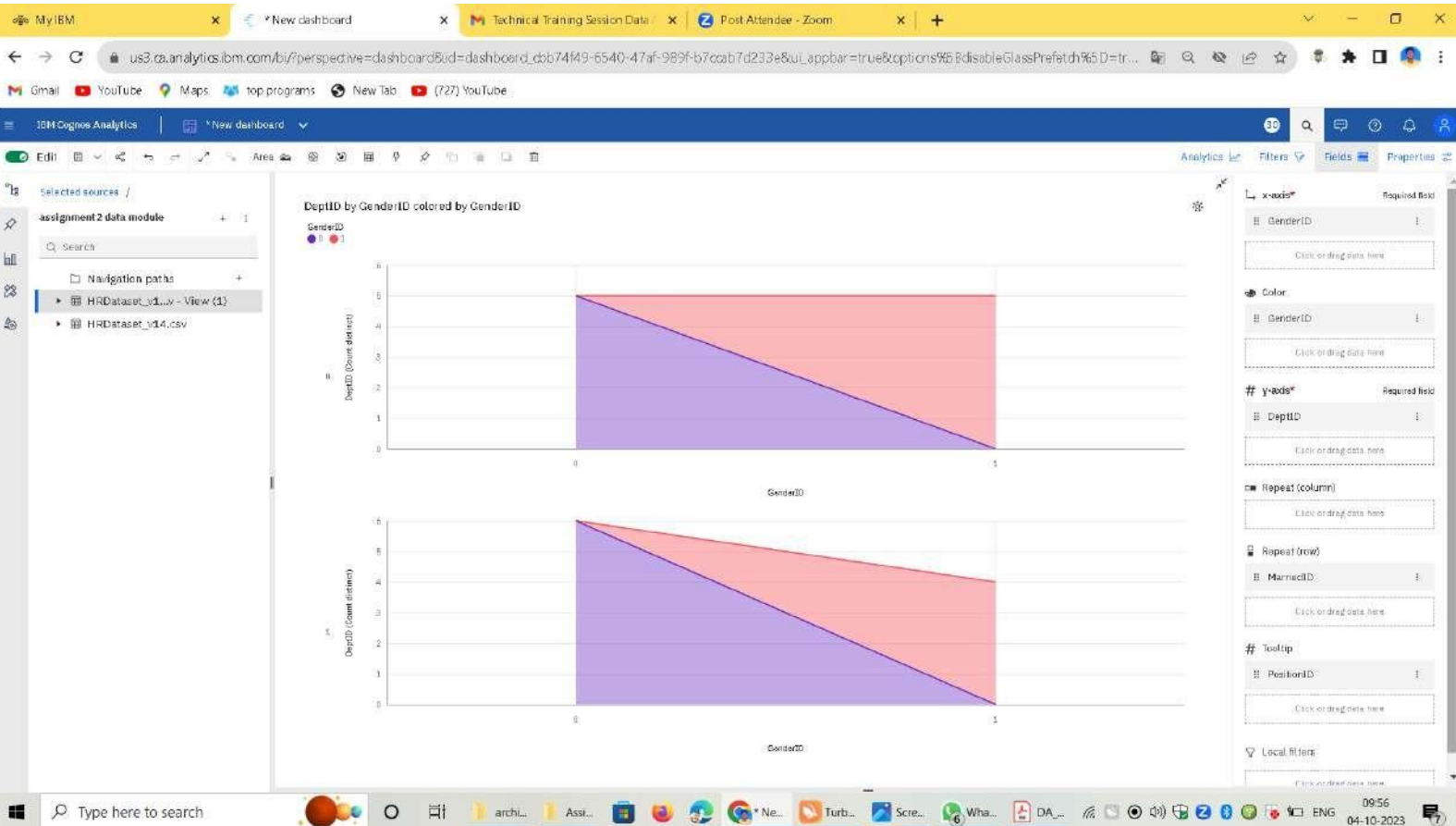
No visualization selected

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 top navigation bar includes tabs for 'My IBM', 'New active report', 'New report', 'Technical Training Session Data', and 'Post Attendee - Zoom'. The main workspace displays a report titled 'Page1' with a table structure. The left sidebar shows 'Insertable objects' categorized into 'Pinned' (Text item, Block, Table, List, Crosstab, Visualization) and 'Textual' (Text, Layout, Data Container, Active Report, Advanced). The right sidebar shows 'Table' properties, including 'Conditional styles', 'General', 'Interactive behavior', 'Box', 'Color & Background', and 'Font & Text'.

Google Colab interface showing a Jupyter Notebook. 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 output shows 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 displays a table titled 'House Price India.csv' with columns: Id, Date, number of bedrooms, and number of bathrooms. The table shows 10 entries, with a total 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

My IBM

New story

New report

Technical Training Session

Data Analytics Session 4

Untitled4.ipynb - Colaboratory

colab.research.google.com/drive/13oU07TPPh3DO7ryYK8bqpENFXKdF9fY5?authuser=0#scrollTo=0R253h7LSA6Q

GmailYouTubeMapsTop programsNew Tab(727) YouTube

Untitled4.ipynb

FileEditViewInsertRuntimeToolsHelpAll changes saved

CommentShare

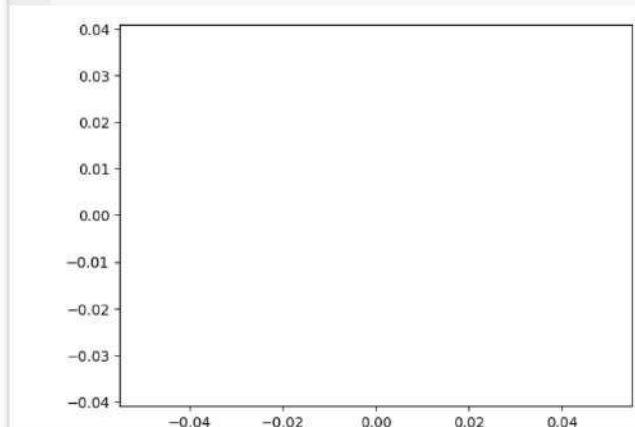
Files

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
6762812819	4/24/91	3	2
6762813105	4/24/91	3	2.5
6762813157	4/24/91	5	3.25
6762813593	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

archi...archi...Hou...Unti...Turb...Scre...Wha...AI A...ENG11:3304-10-2023