

ARJUN COLLEGE OF TECHNOLOGY
ASSIGNMENT – 2
NAAN MUDHALVAN

NAME : THOTA NIKHIL

REG NO: 723920243057

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

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

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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
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- 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
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- # MaritalStatusID
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- # DeptID
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- # PositionID

Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID
Adinolfi, Wilson K	10026	0	0	1	1
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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
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 - # 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"

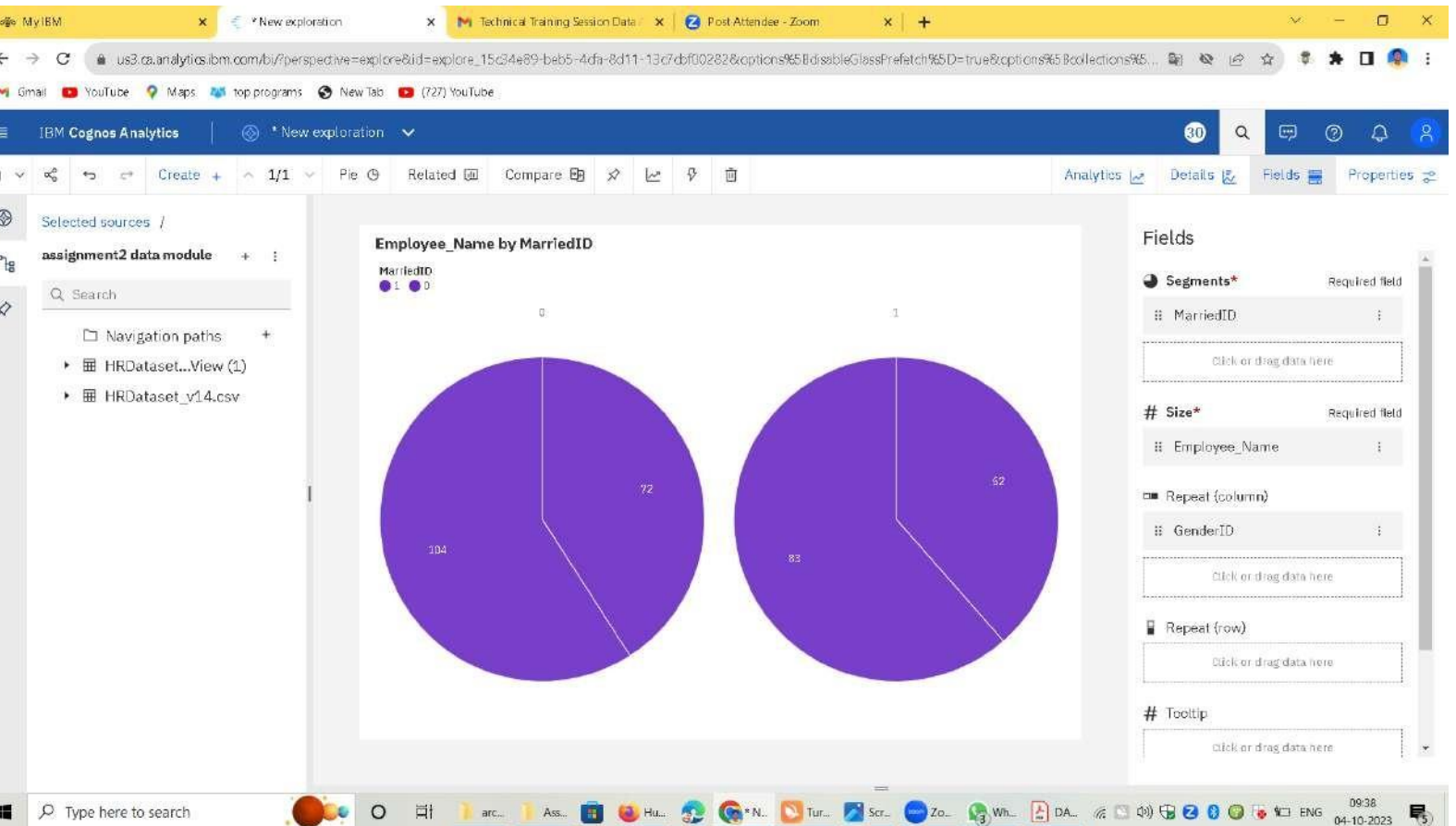
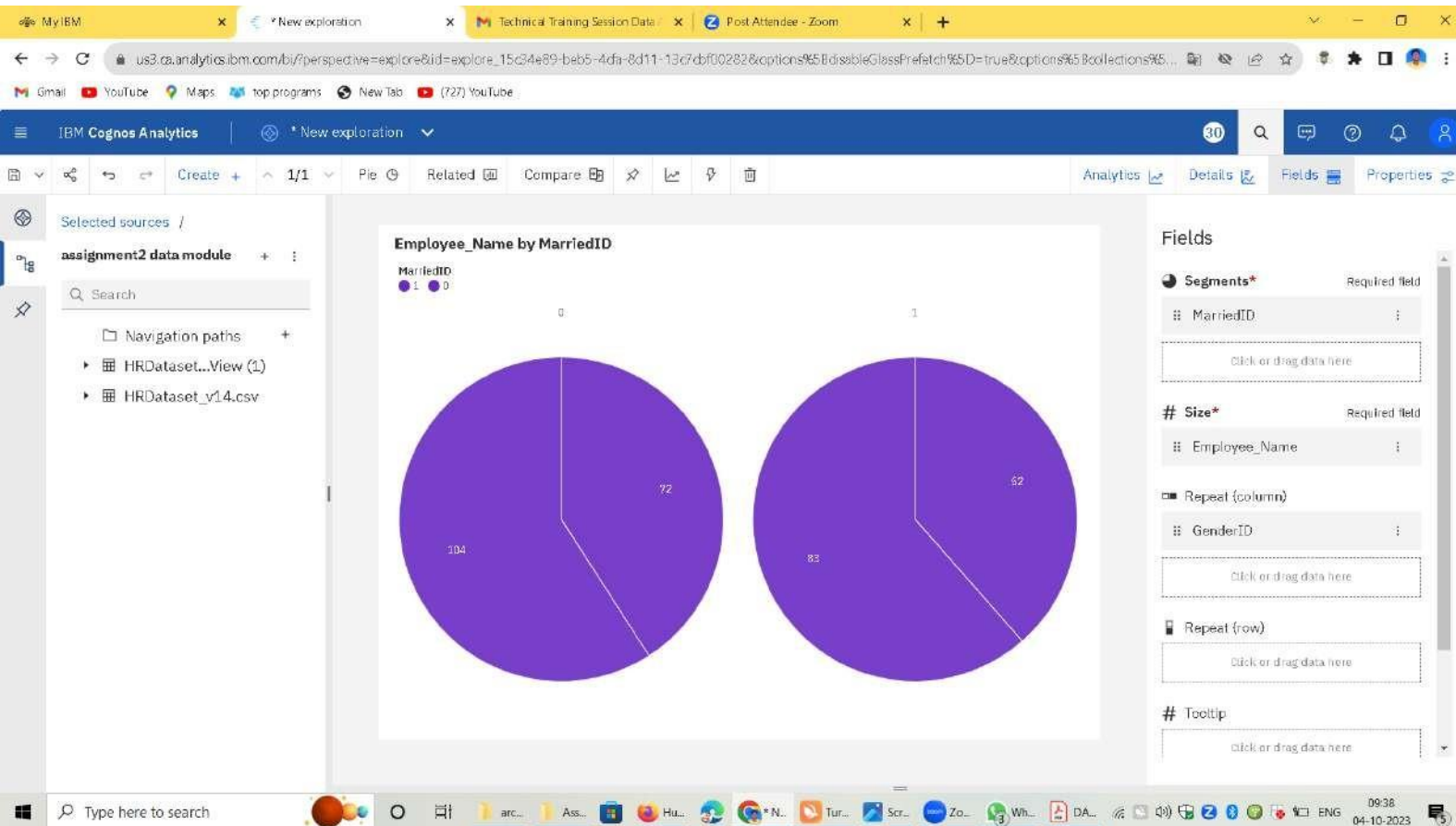
Add +

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_lappbar=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
Bacong, 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_lappbar=true&options%5BdisableGlassPrefetch%5D=true&co...

IBM Cognos Analytics | New dashboard

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Selected sources /

assignment2 data module

Navigation paths

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

Tab 1 | Tab 2

Employee_Name

00

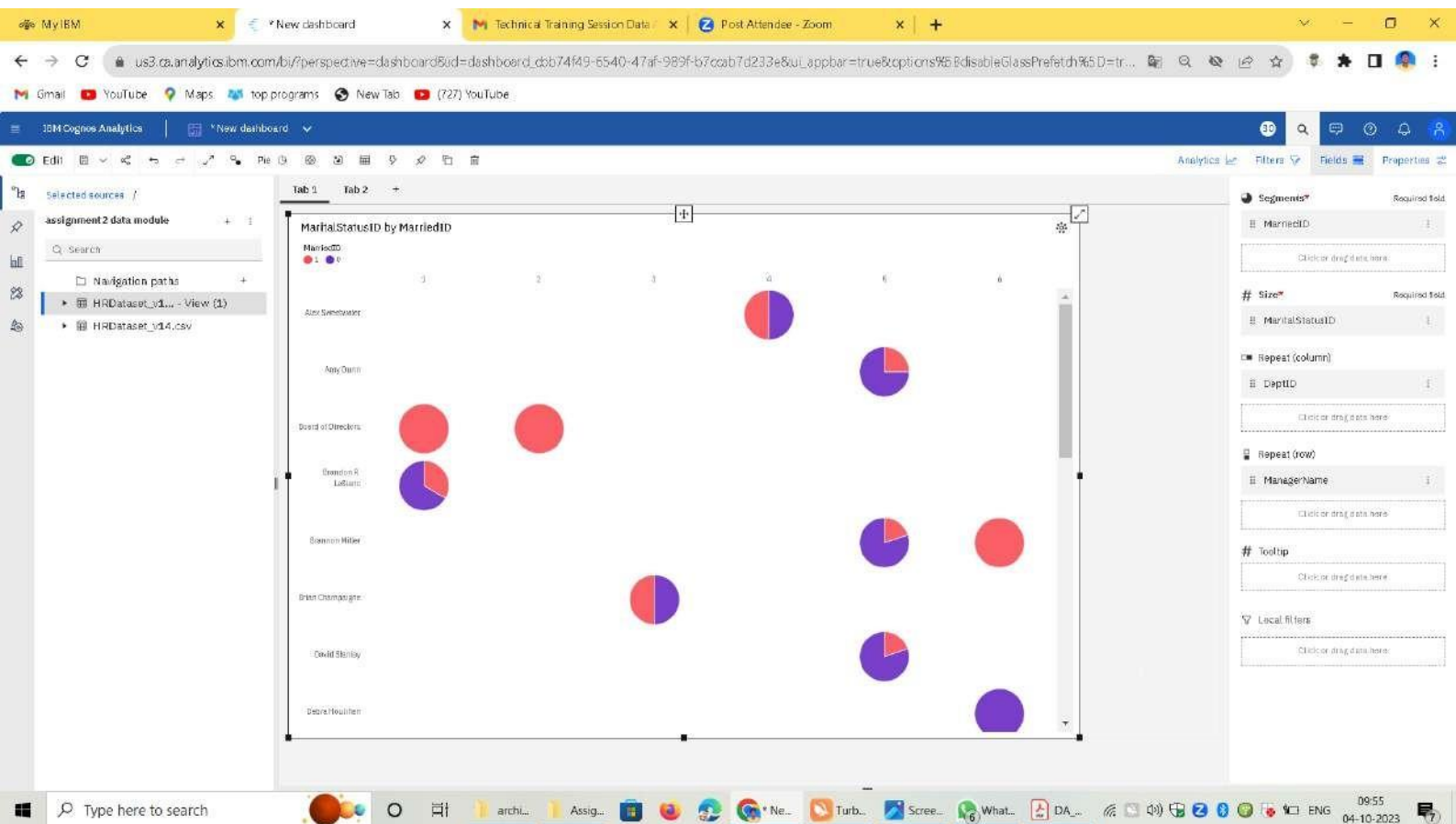
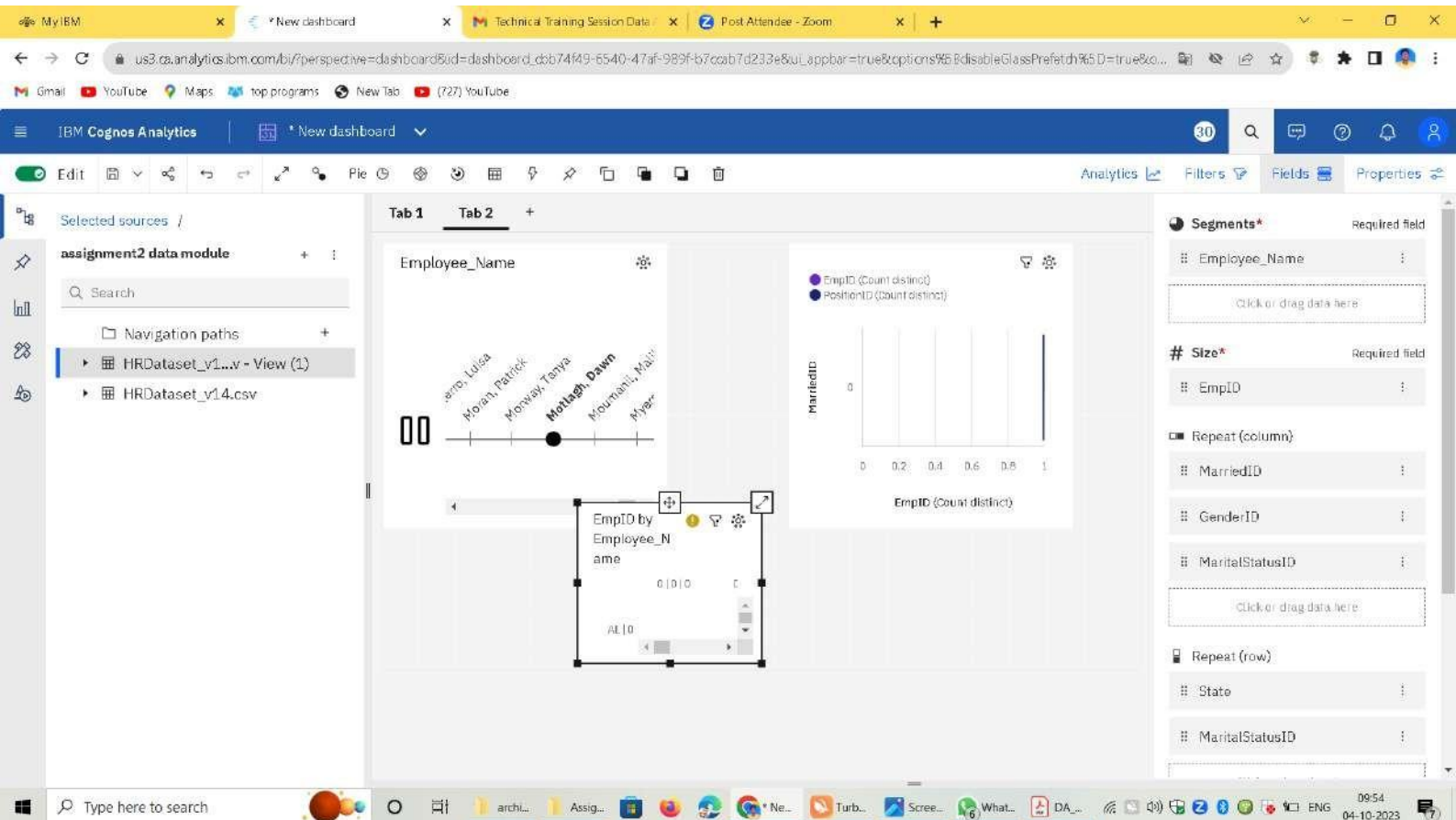
al, Sam
Bachiochi, Linda
Bacong, Alejandro
Bacanzeti, Rachael
Barbara, Thom
Baylor

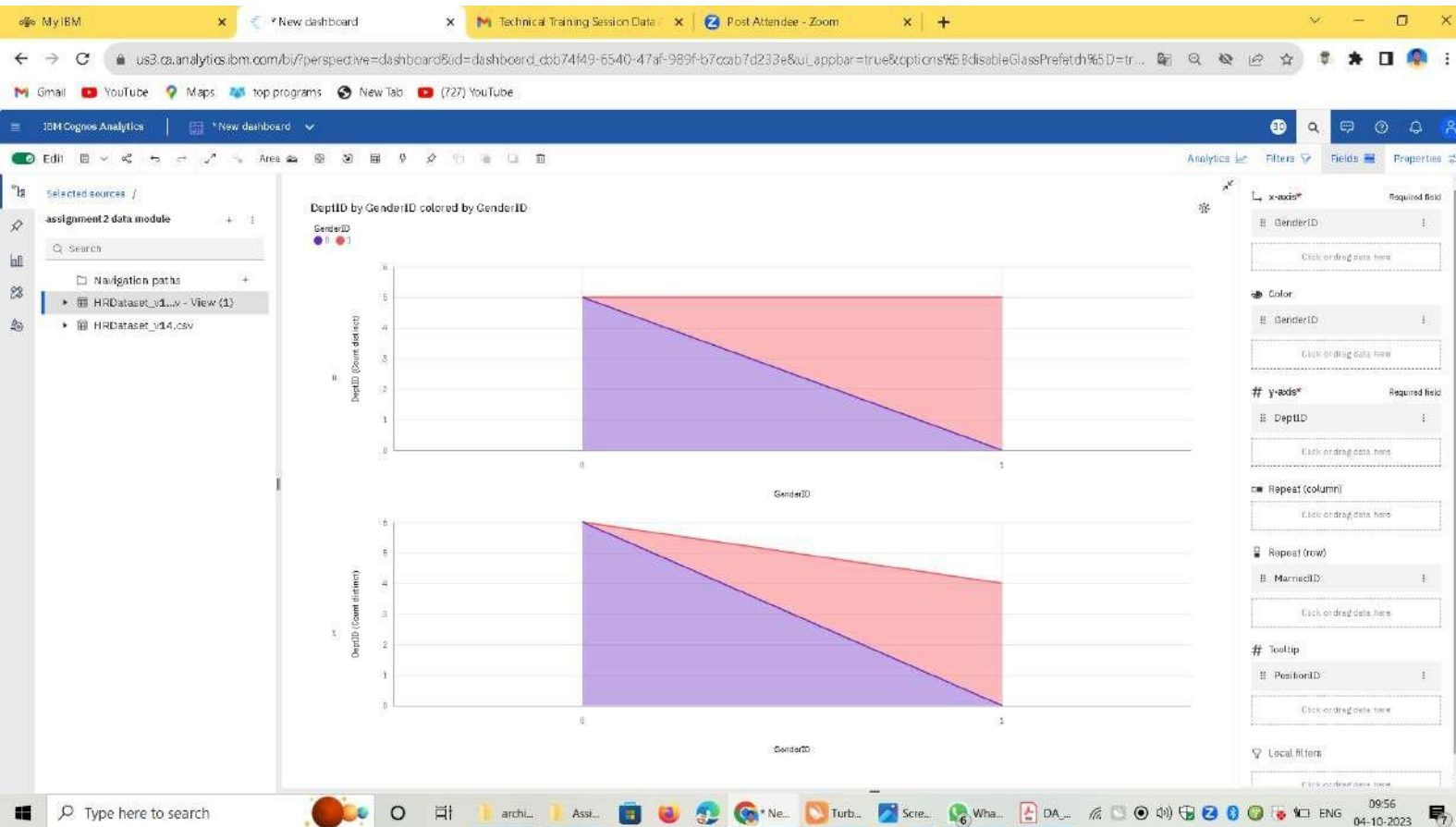
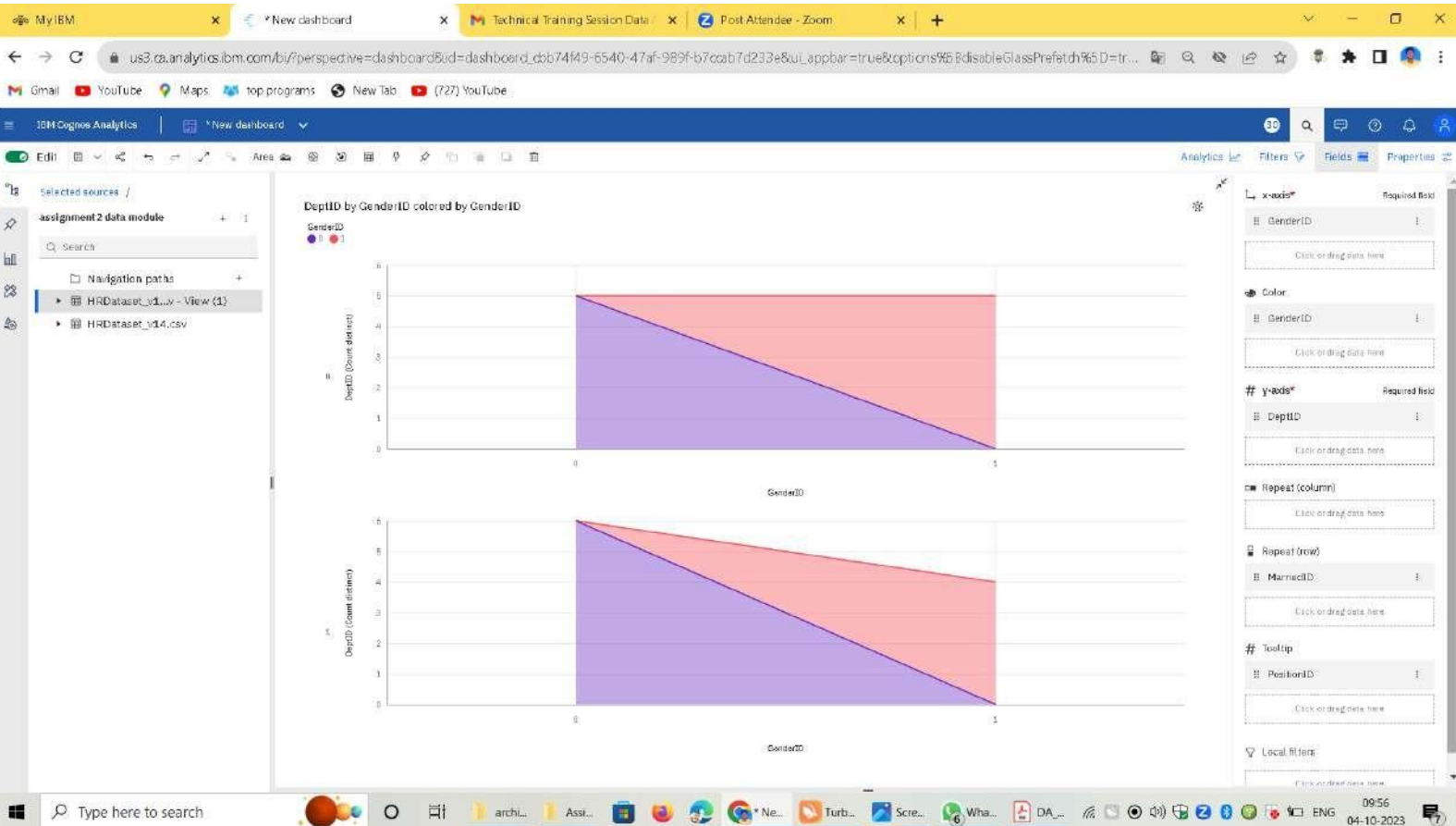
No visualization selected

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 with a pie chart visualization and a data table. The notebook code defines a pie chart with four categories: Category A (16.9%), Category B (33.7%), Category C (38.2%), and Category D (11.2%). The data table, titled 'House Price India.csv', displays columns for 'Id', 'Date', 'number of bedrooms', and 'number of bathrooms'.

```
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')
```

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

GmailYouTubeMapsGoogle top 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