

ARJUN COLLEGE OF TECHNOLOGY
ASSIGNMENT – 2
NAAN MUDHALVAN

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REG NO: 723920243006

My IBMWhatsAppPost Attendee - ZoomDownload file | iLovePDFMy IBMHome

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

IBM Cognos Analytics

23

1/2 Alerts

What's New: To read about what's new in Getting Started, click More Info.

Get quick answers with the Assistant

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

Ask a question

BOMMISSETTY ANINDRA ...
anindralucky2222@gmail.com
Profile and settings

My Inbox

My schedules and subscriptions

My Watch Items

Log my session

About

Manage product subscription

Privacy

Cookie Preferences

IBM Cognos Analytics Mobile

Introduction to Cognos Analytics

Leverage self-service analytics to make more confident decisions.

Get started

Watch videos

Log out

Upload data and start creating content

Upload spreadsheets, CSV files, and other types of files, and create content based on these files.

Create content from existing data

Locate data sources in the Content view, and create content based on these sources.

Type here to search28°C Haze10:16 PM10/10/2023

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...

IBM Cognos Analytics

30

Initializing file upload...CancelDetails

Data module

New data module

Navigation paths

HRDataset_v14.csv

Row ID

Employee_Name

EmplID

MarriedID

MaritalStatusID

GenderID

EmpStatusID

DeptID

PerfScoreID

PromotionEventID

Salary

TermID

PositionID

Position

Grid

Relationships

Custom tables

Loading data...

Diagram settings

Cardinality

Focus mode

Degrees of separation 1

Type here to search09:3204-10-2023

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

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/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

Properties

Data module

New data module

- Navigation paths
- HRDataset_v14.csv
 - # Row ID
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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.

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)

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, 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":

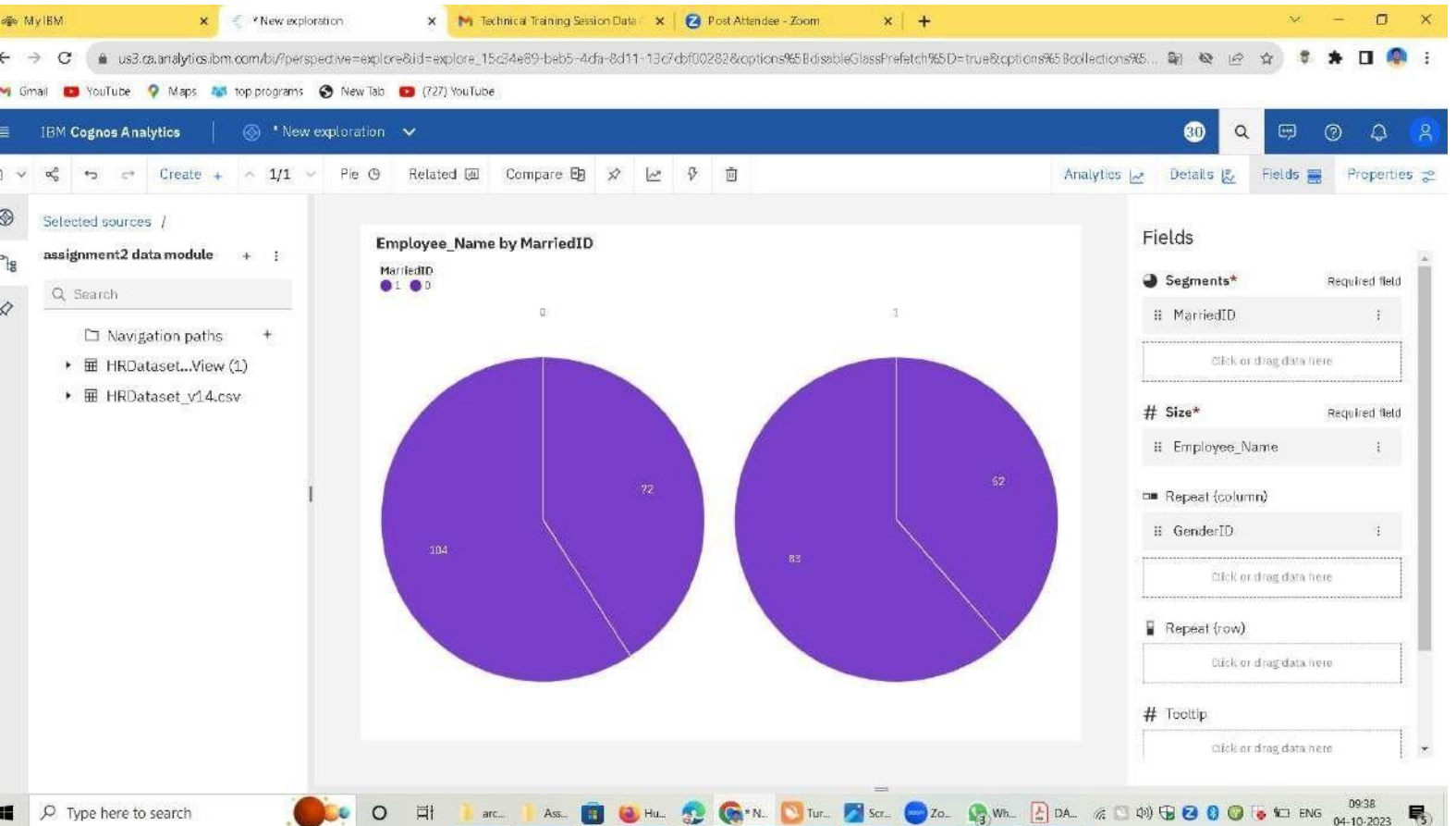
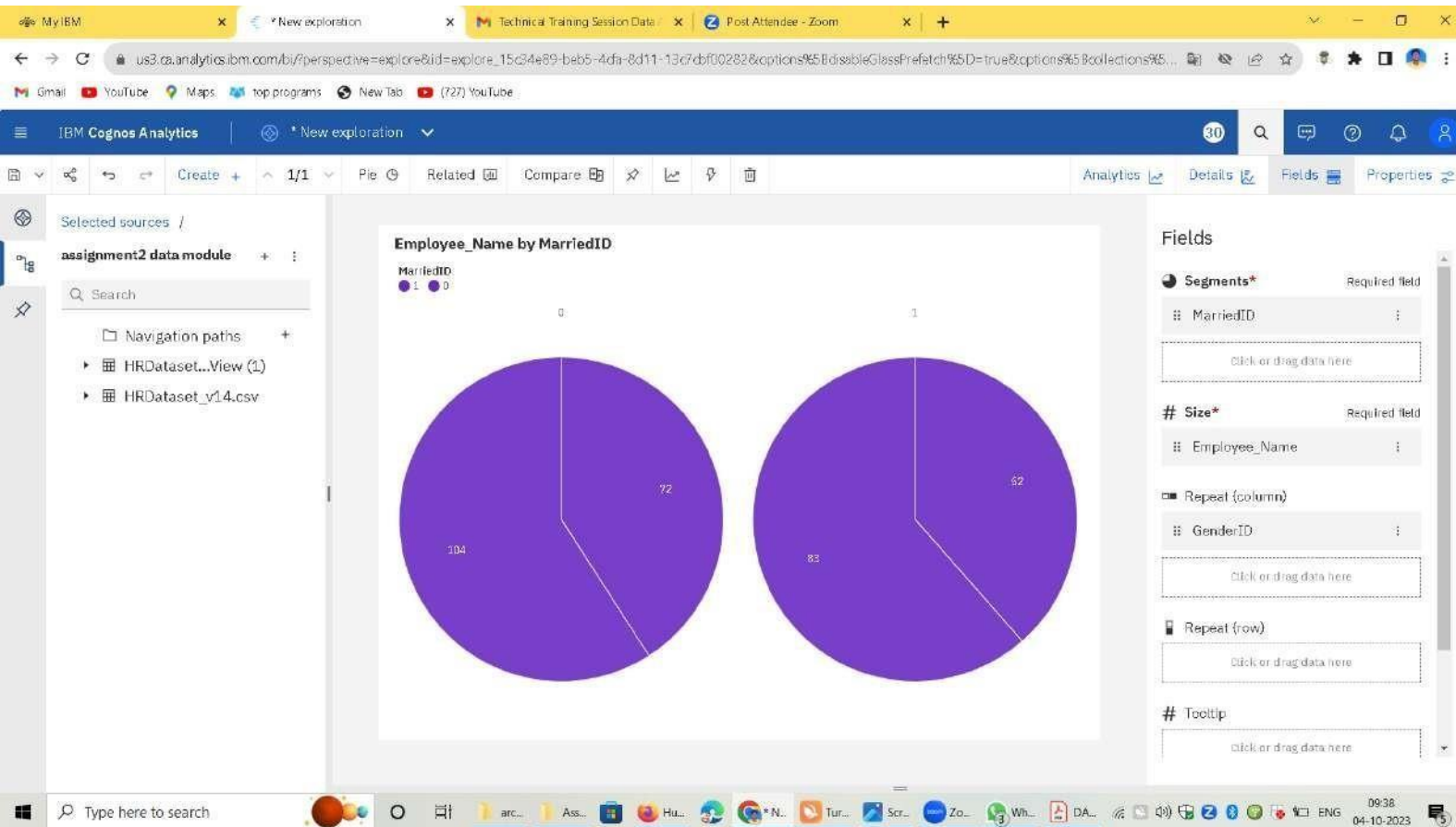
Name	Type	Last Modified
ass 1 data module	Data module	10/3/2023, 12:38 PM
assignment2 data module	Data module	10/3/2023, 11:06 PM
HRDataset_v14.csv	Uploaded file	10/3/2023, 11:03 PM
market sales data module	Data module	10/3/2023, 11:45 AM
supermarket_sales - Sheet1.csv	Uploaded file	10/3/2023, 11:36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

The background shows a tree view of the "Data module" structure, including 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
- ManagerName
- 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 lists "Salary" and "DaysLateLast30 and Salary by Department" as visualization options. A zoom slider at the bottom indicates the relationship diagram is at 100%.



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-b7c0ab7d233e&ul_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

al, Sam
Bachiochi, Linda
Bacon, Alejandro
Bakane, 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-b7c0ab7d233e&ul_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

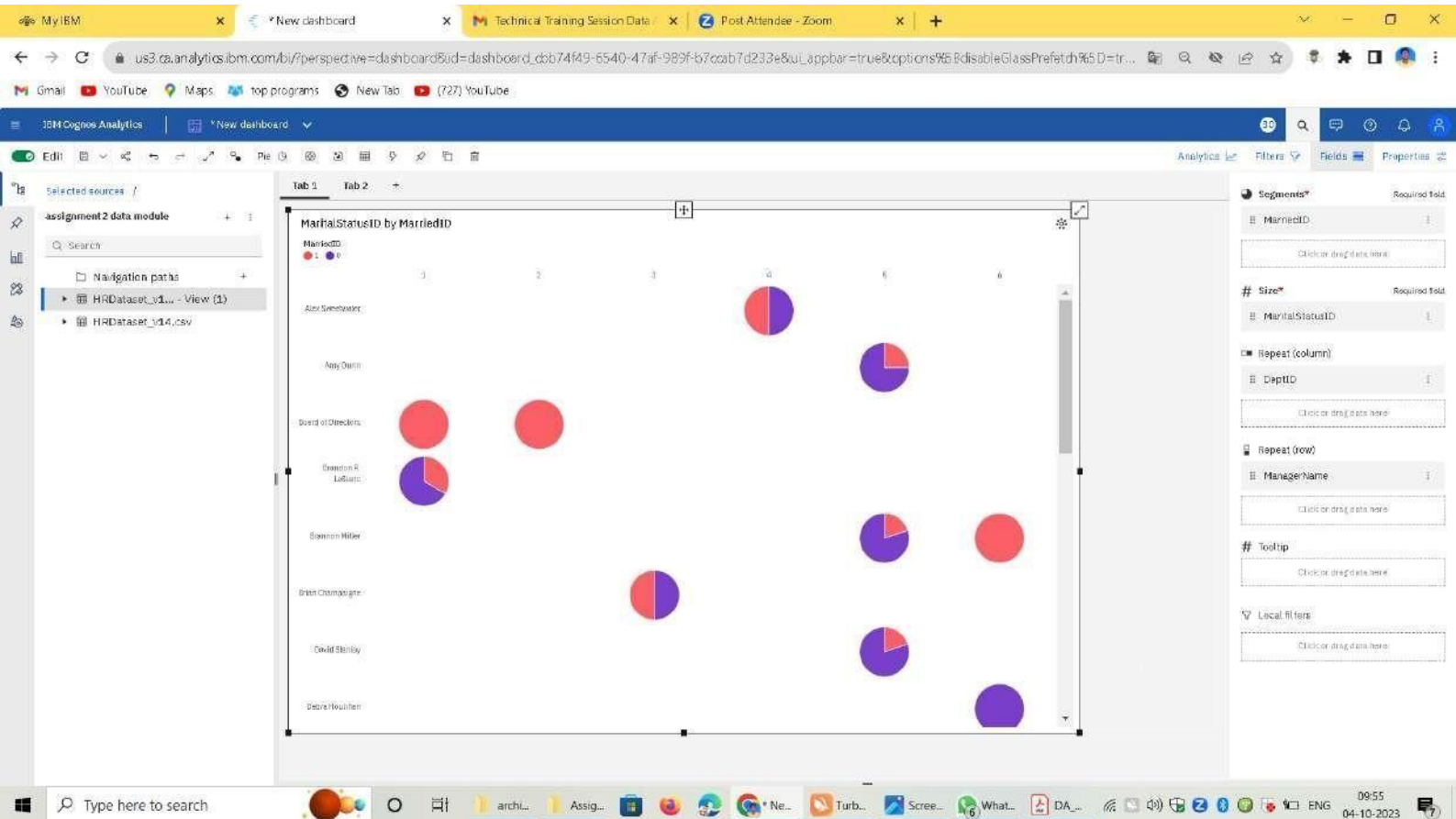
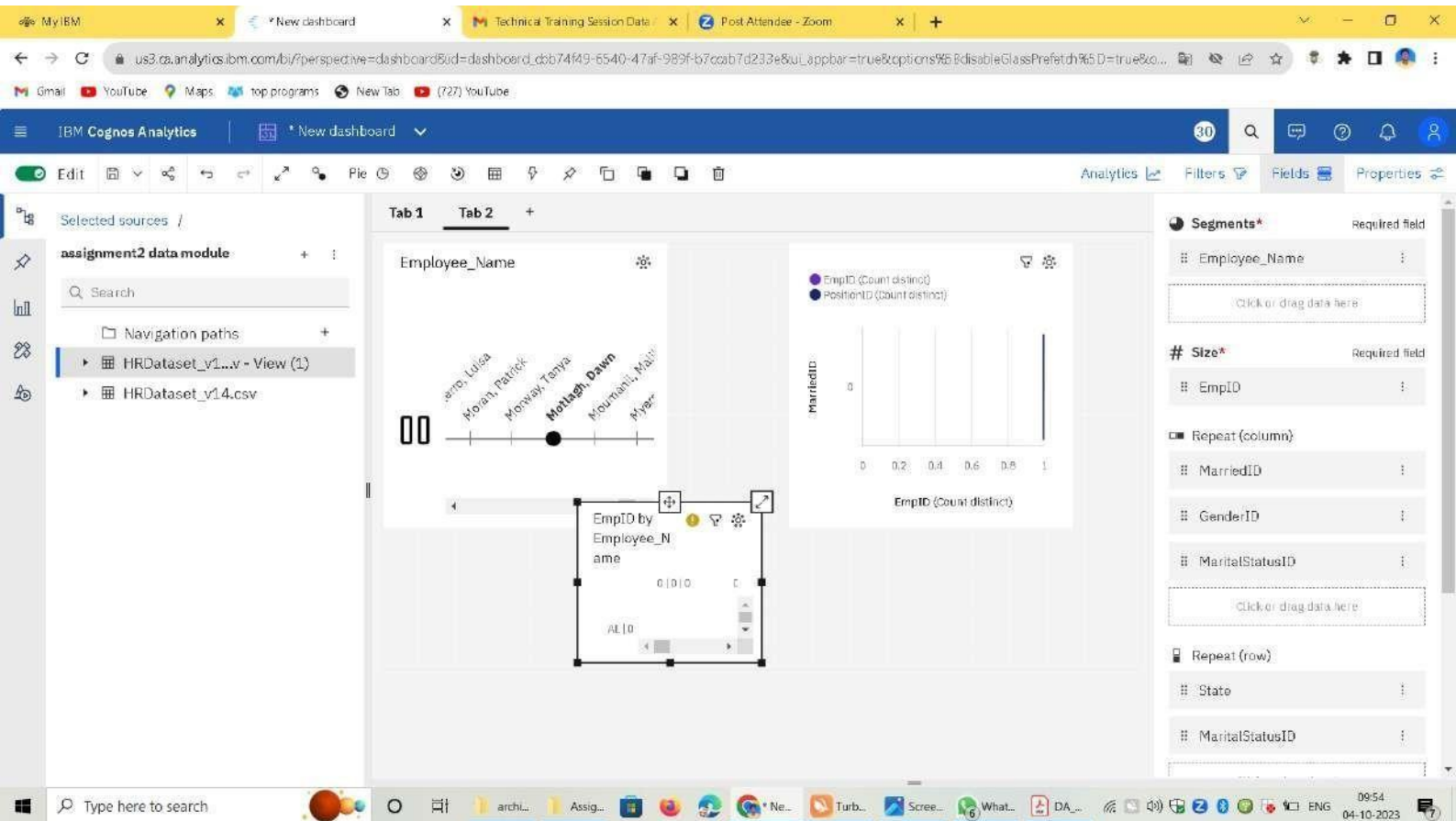
00

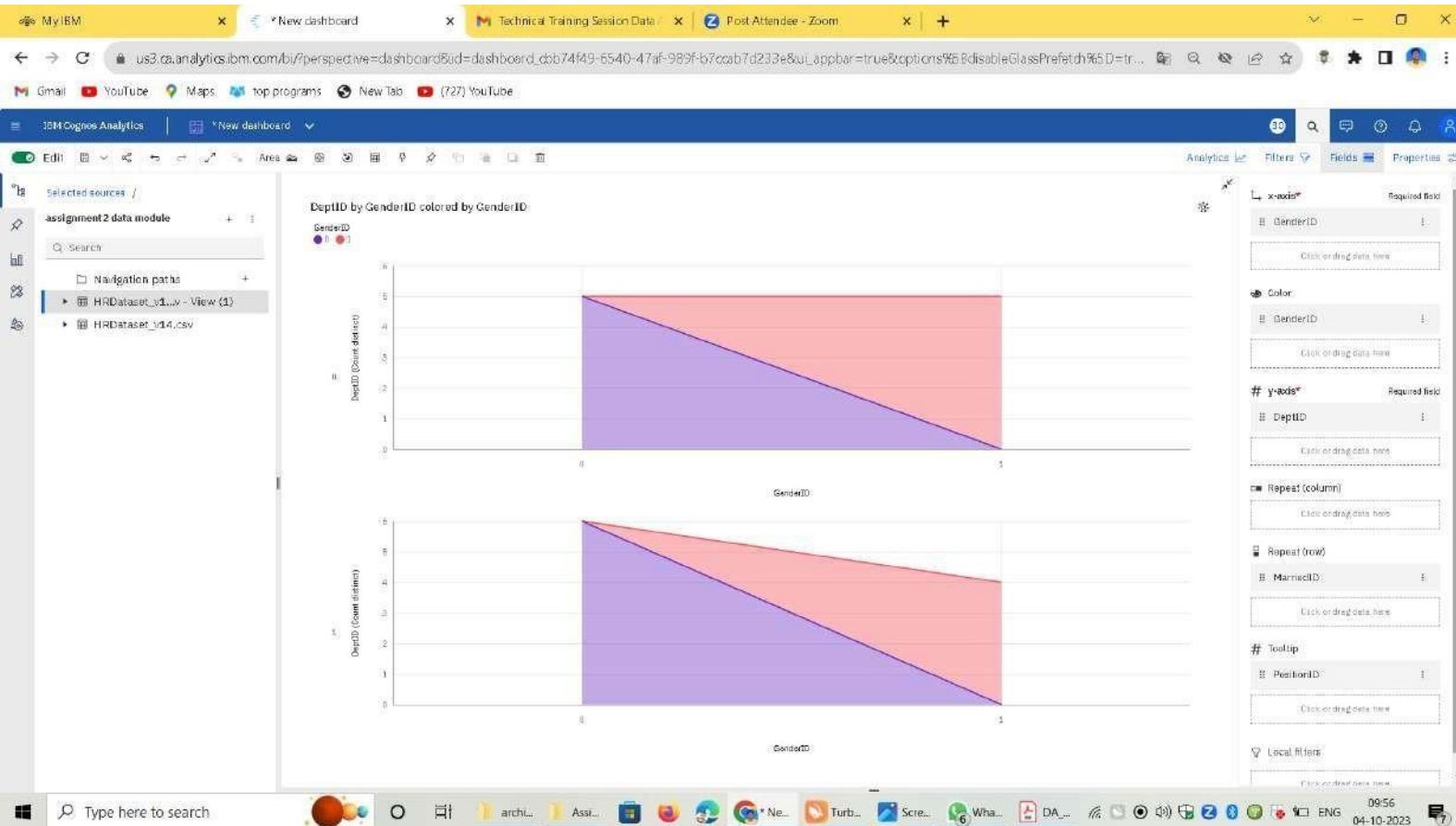
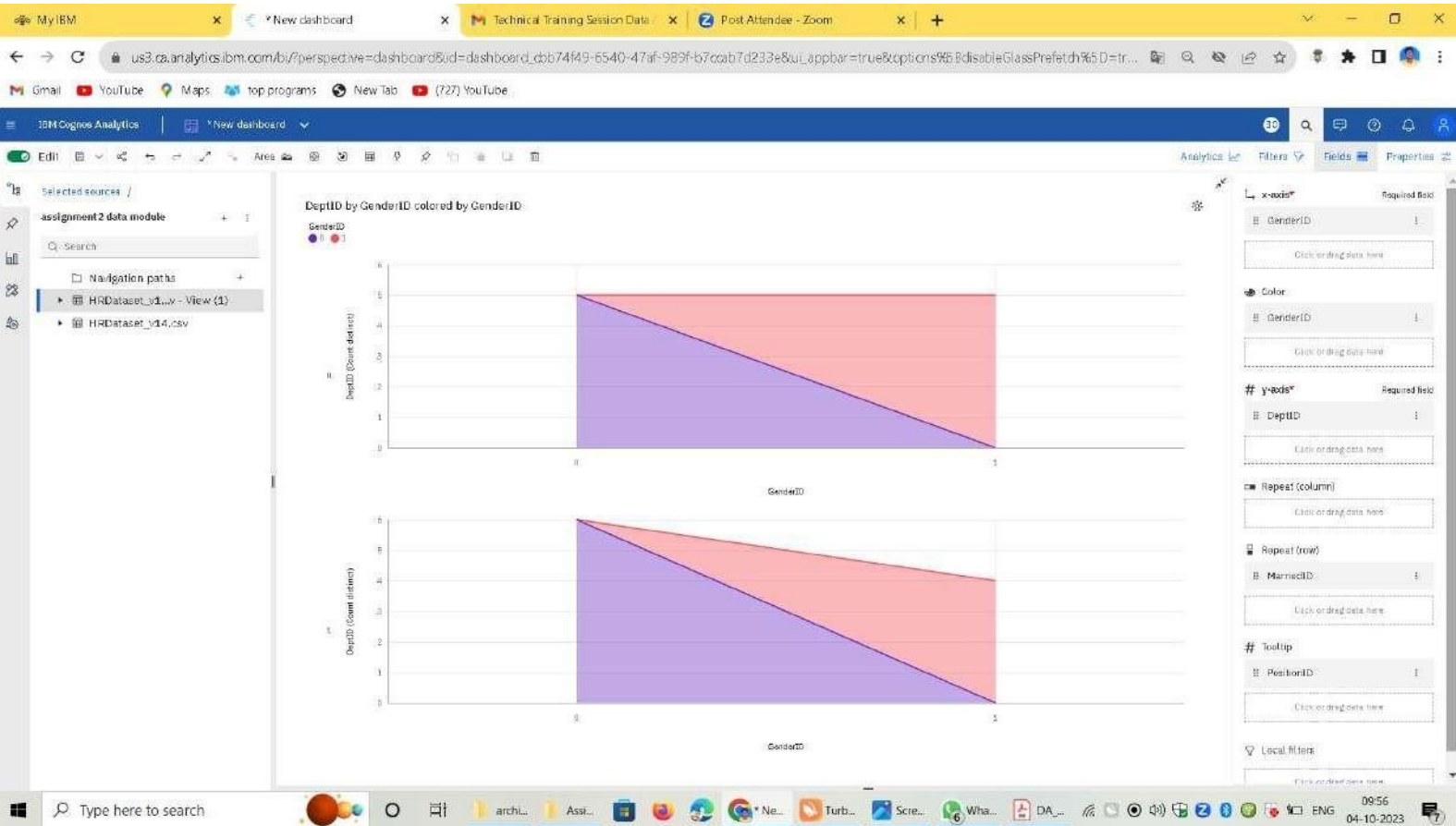
al, Sam
Bachiochi, Linda
Bakone, Alejandro
Bakane, Rachael
Barbara, Thom
Baylor

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 left pane displays 'Insertable objects' categorized into Textual, Layout, Data Container, Active Report, and Advanced. The central 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

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... ENG

11:33 04-10-2023