

Name : Parth Nandedkar

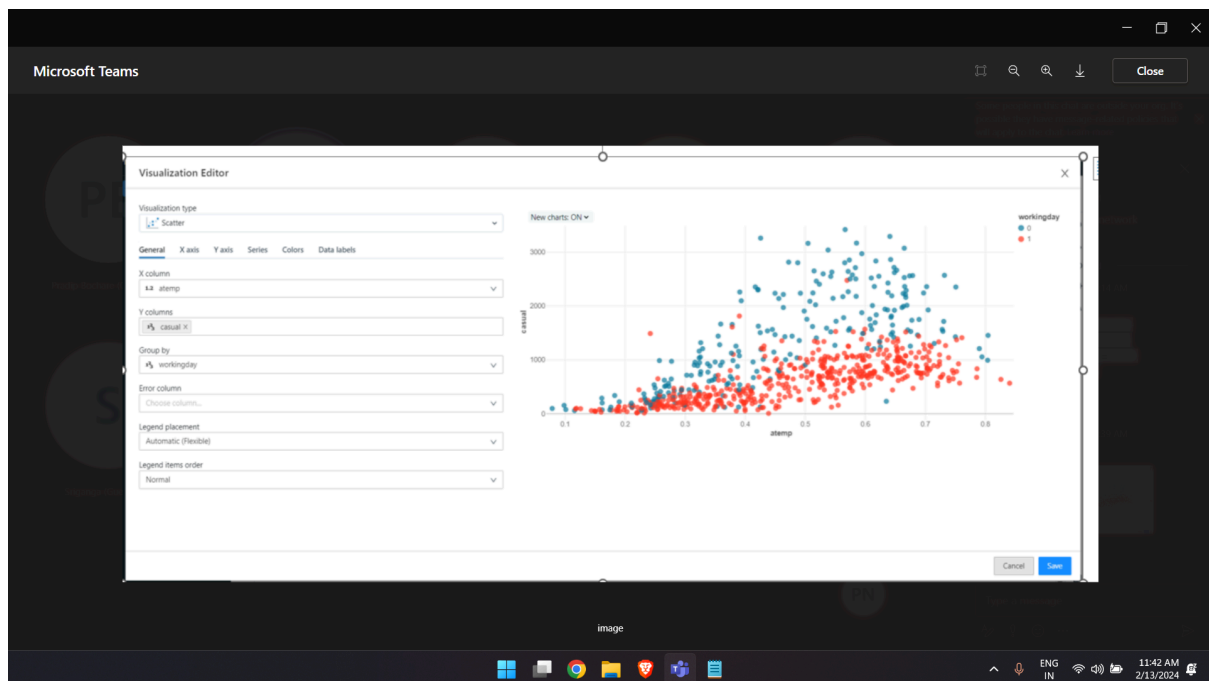
Date : 13 Feb 2024

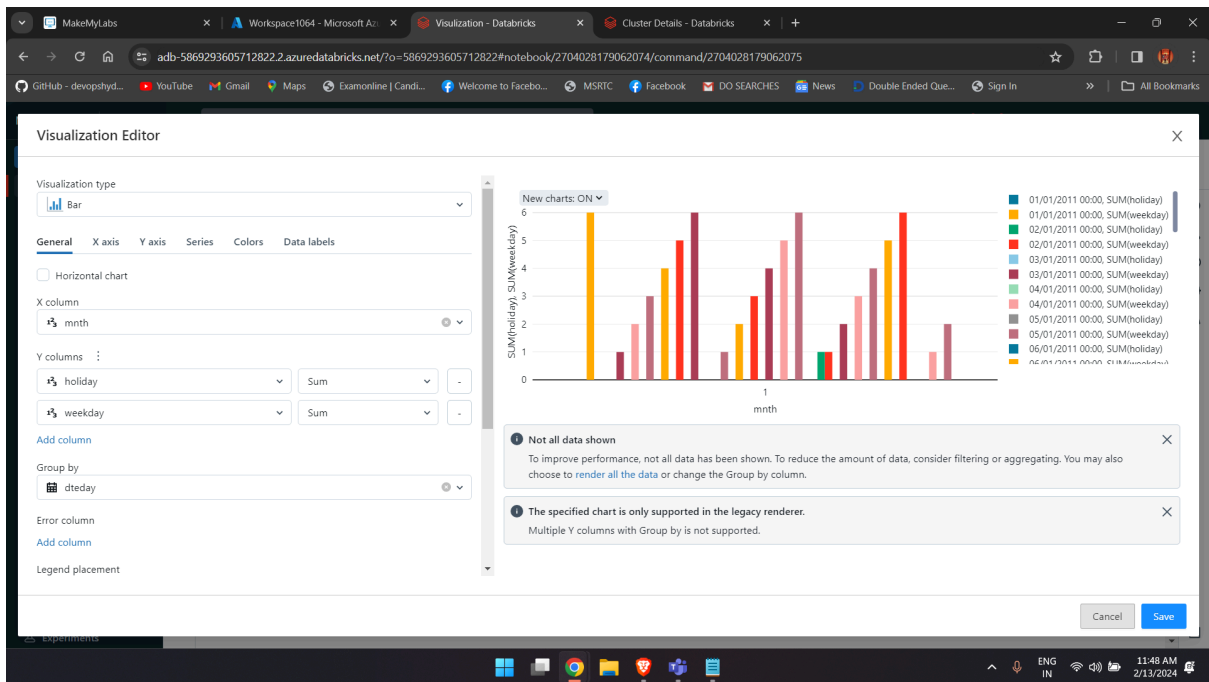
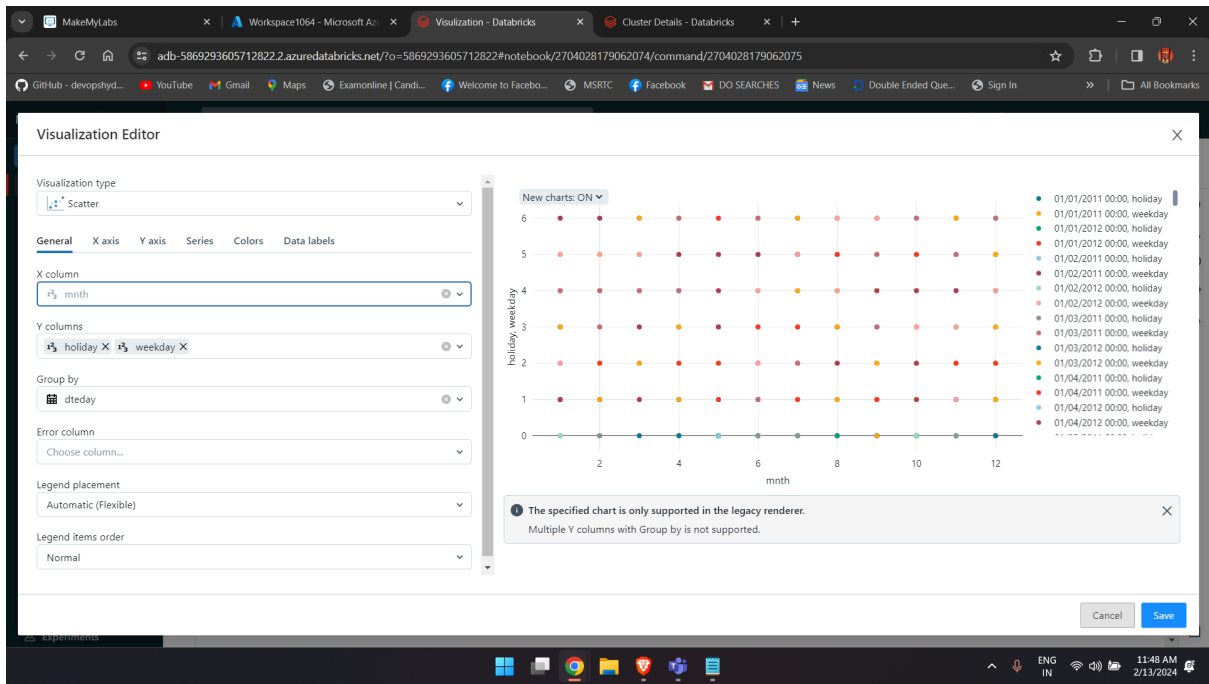
Topics : PySpark

Batch : Data Engineering Batch-1

## Data Visualization :

Visualisation in Azure Databricks typically involves using various tools and libraries available within the platform to create visual representations of your data. Here's an overview of how visualisation works in Azure Databricks.





MakeMyLabs Workspace1064 - Microsoft Azure Visualization - Databricks Cluster Details - Databricks

adb-5869293605712822.2.azure.databricks.net/?o=5869293605712822#notebook/2704028179062074/command/2704028179062075

Microsoft Azure databricks Search data, notebooks, recents, and more... CTRL + P Workspace1064 azuser1064\_mml.local@iihtl.onmicr...

New Visualization Python File Edit View Run Help Last edit was 5 minutes ago New cell UI: OFF

Run all hexa-deb-1064 Schedule Share

Cmd 1 Python

```
1 sparkDF = spark.read.csv("/databricks-datasets/bikeSharing/data-001/day.csv", header="true", inferSchema="true")
2 display(sparkDF)
```

(3) Spark Jobs

sparkDF: pyspark.sql.dataframe.DataFrame = [instant: integer, dteday: date ... 14 more fields]

Table + New result table: OFF

	instant	dteday	season	yr	mnth	holiday	weekday	workingday	weathersit	temp	atemp	hum
1	1	2011-01-01	1	0	1	0	6	0	2	0.344167	0.363625	0.8
2	2	2011-01-02	1	0	1	0	0	0	2	0.363478	0.353739	0.6
3	3	2011-01-03	1	0	1	0	1	1	1	0.196364	0.189405	0.4
4	4	2011-01-04	1	0	1	0	2	1	1	0.2	0.212122	0.5
5	5	2011-01-05	1	0	1	0	3	1	1	0.226957	0.22927	0.4
6	6	2011-01-06	1	0	1	0	4	1	1	0.204348	0.233209	0.5
7	7	2011-01-07	1	0	1	0	5	1	2	0.196522	0.208839	0.4

731 rows | 18.91 seconds runtime Refreshed 2 minutes ago

Command took 18.91 seconds -- by azuser1064\_mml.local@iihtl.onmicrosoft.com at 2/13/2024, 11:46:05 AM on hexa-deb-1064

[Shift+Enter] to run  
[Shift+Ctrl+Enter] to run selected text

MakeMyLabs Workspace1064 - Microsoft Azure Visualization - Databricks Cluster Details - Databricks

adb-5869293605712822.2.azure.databricks.net/?o=5869293605712822#notebook/2704028179062074/command/2704028179062075

Microsoft Azure databricks Search data, notebooks, recents, and more... CTRL + P Workspace1064 azuser1064\_mml.local@iihtl.onmicr...

New Visualization Editor

Visualization type Scatter

General X axis Y axis Series Colors Data labels

X column atemp

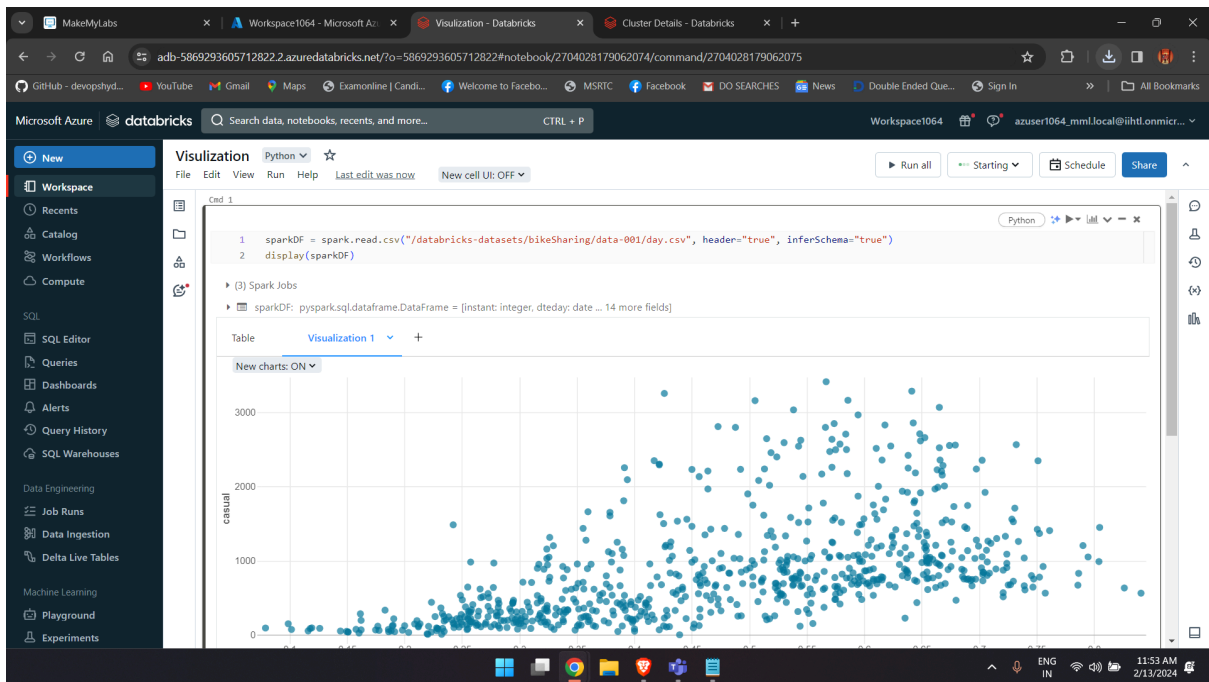
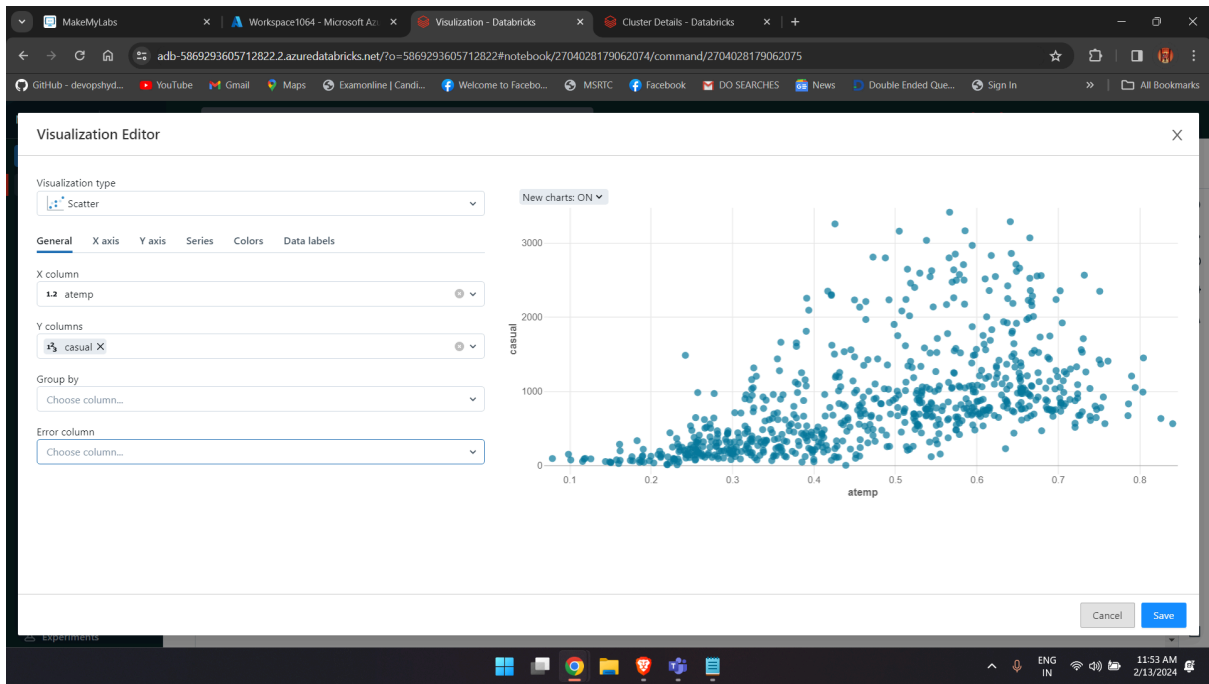
Y columns casual

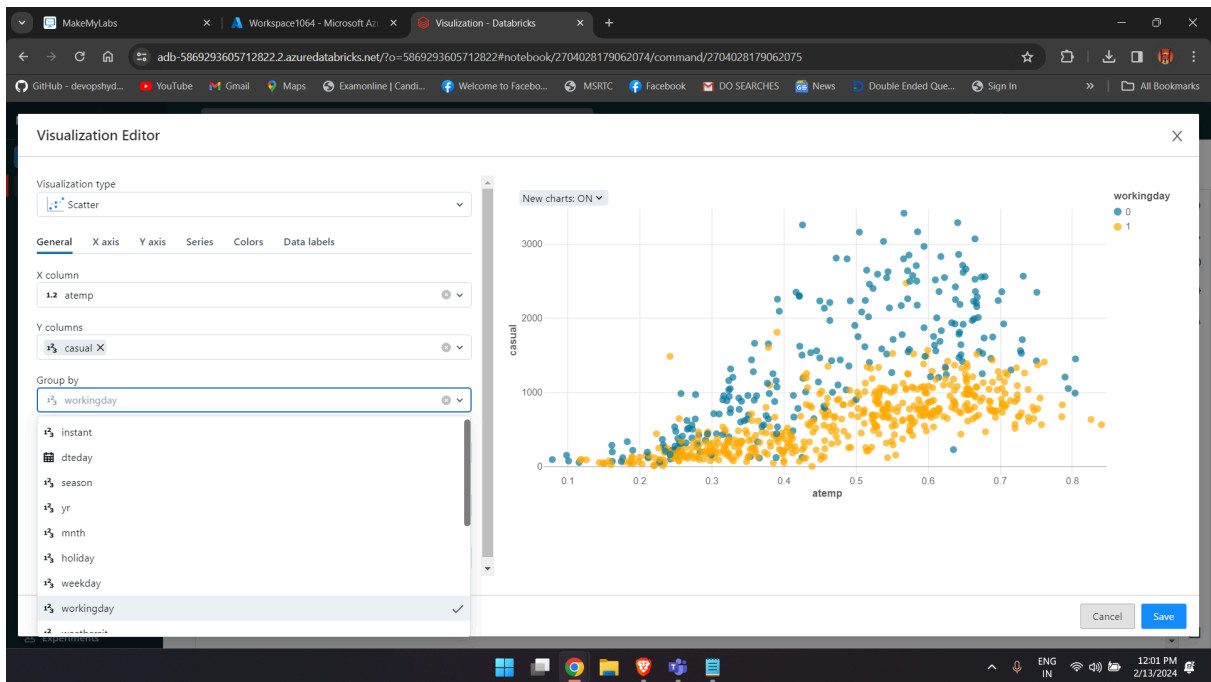
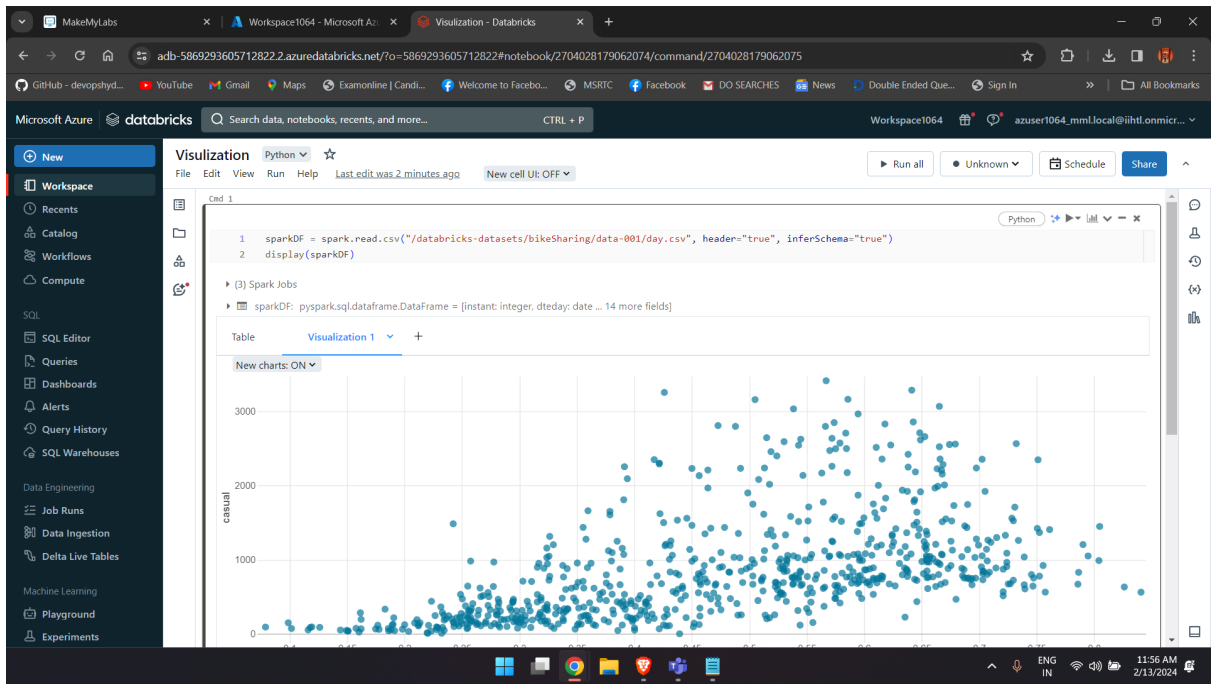
Group by Choose column...

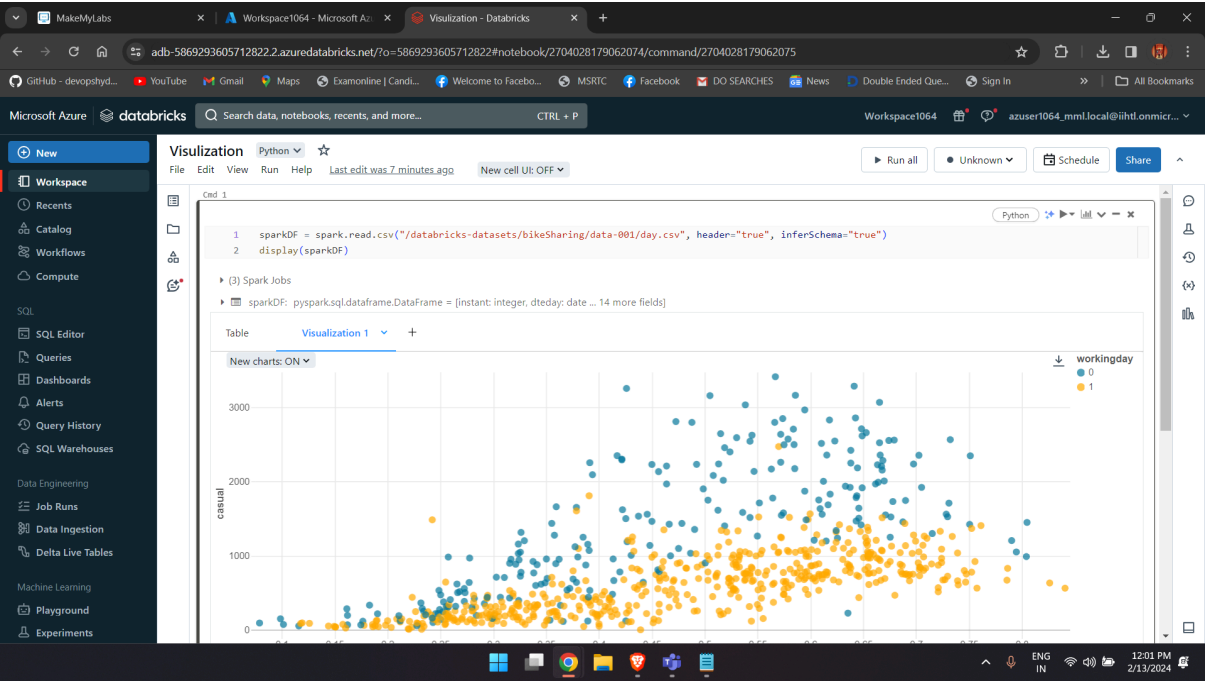
Error column Choose column...

New charts: ON

Cancel Save







03:11:54

Pop outChatPeopleRaiseReactViewMoreCameraMicShareLeave

VPHTLSVJJSCPN

V Venkata ...Harinya Trainer ...Laaiq Rosh...PUJAN RAS...Sachin V (G...Jayant Jhun...Sai Chaitan...View all

Visualization Editor

Visualization type

Scatter

GeneralX axisY axisSeriesColorsData labels

X column

Y column

Error column

Choose column...

Legend placement

Automatic (flexible)

Legend items order

Normal

New charts: ON

AmashDipDineshHarryItyKhanNamePranodSabastraSmith

Salary

Harinya Trainer (Guest)

Meeting chat

PUJAN RASTOGI 10:18 AM

reconnected due to network issues

Last read

Harinya Trainer (Guest) 11:14 AM

Harinya Trainer (Guest) 11:39 AM

Type a message

ENG IN12:06 PM2/13/2024

03:13:53

Pop outChatPeopleRaiseReactViewMoreCameraMicShareLeave

VPHTLSVJJSCPN

V Venkata ...Harinya Trainer ...Laaiq Rosh...PUJAN RAS...Sachin V (G...Jayant Jhun...Sai Chaitan...View all

Visualization Editor

Visualization type

Pie

GeneralSeriesColorsData labels

X column

Y column

Add column

Group by

Direction

Counterclockwise

Legend placement

Flexible

Legend items order

Normal

New charts: ON

DipDineshHarryItyKhan

KhanNamePranodSabastraSmith

100%100%100%100%100%

Harinya Trainer (Guest)

Meeting chat

PUJAN RASTOGI 10:18 AM

reconnected due to network issues

Last read

Harinya Trainer (Guest) 11:14 AM

Harinya Trainer (Guest) 11:39 AM

Type a message

ENG IN12:08 PM2/13/2024