

# IBM COGNOS ANALYTICS

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IBM Cognos Analytics with Watson

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#### Quick launch

**Upload data**  
Upload or drag and drop spreadsheets, csv files, and other data sources.

**Prepare data**  
Use data modules to clean and connect data from multiple resources.

**Exploration**  
Quickly find unbiased answers by identifying trends in your data with data exploration.

**Present data**  
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

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## UPLOAD THE DATA

Open

Rajiya - Personal > Desktop >

Organize New folder

Name	Status	Date modified	Type	Size
ASHOK		13-11-2022 01:34 PM	File folder	
CAR RESALE		14-11-2022 08:08 PM	File folder	
Data		08-11-2022 07:46 PM	File folder	
DHL_FacilitiesPre_files		17-11-2022 06:01 PM	File folder	
IBMFashionCloud		12-11-2022 11:31 AM	File folder	
IBMJobSearch		16-11-2022 05:23 PM	File folder	
New folder		15-11-2022 12:11 PM	File folder	
REFERED PAPER		19-10-2022 03:45 PM	File folder	
TITLES 2022-2023		27-10-2022 02:57 PM	File folder	
Waterquality		15-11-2022 12:03 PM	File folder	
COLLEGE LIST		04-11-2022 07:51 PM	Microsoft Excel W...	43 KB
DHL_Facilities		17-11-2022 02:41 PM	Microsoft Excel Co...	5,541 KB
Waterquality		10-11-2022 05:39 PM	Compressed (zipp...	77 KB

File name: DHL\_Facilities

Custom Files

[Open](#) [Cancel](#)

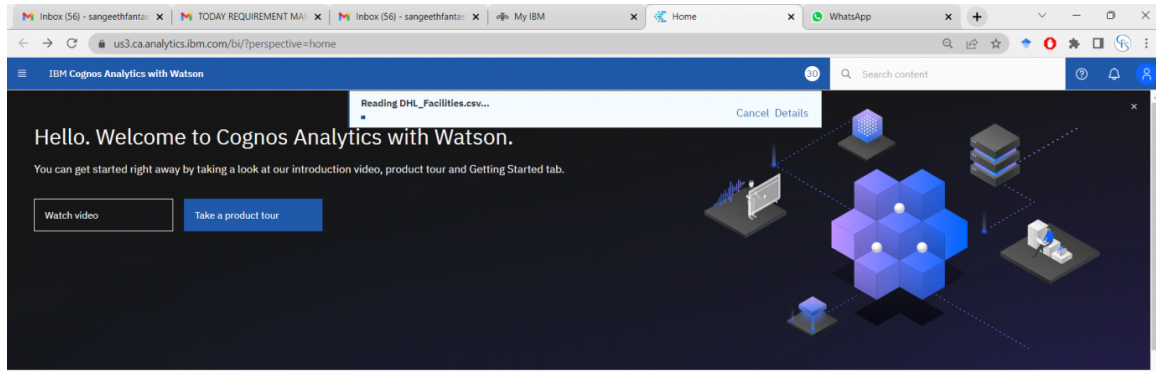
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Reading DHL\_Facilities.csv... Cancel Details



#### Quick launch



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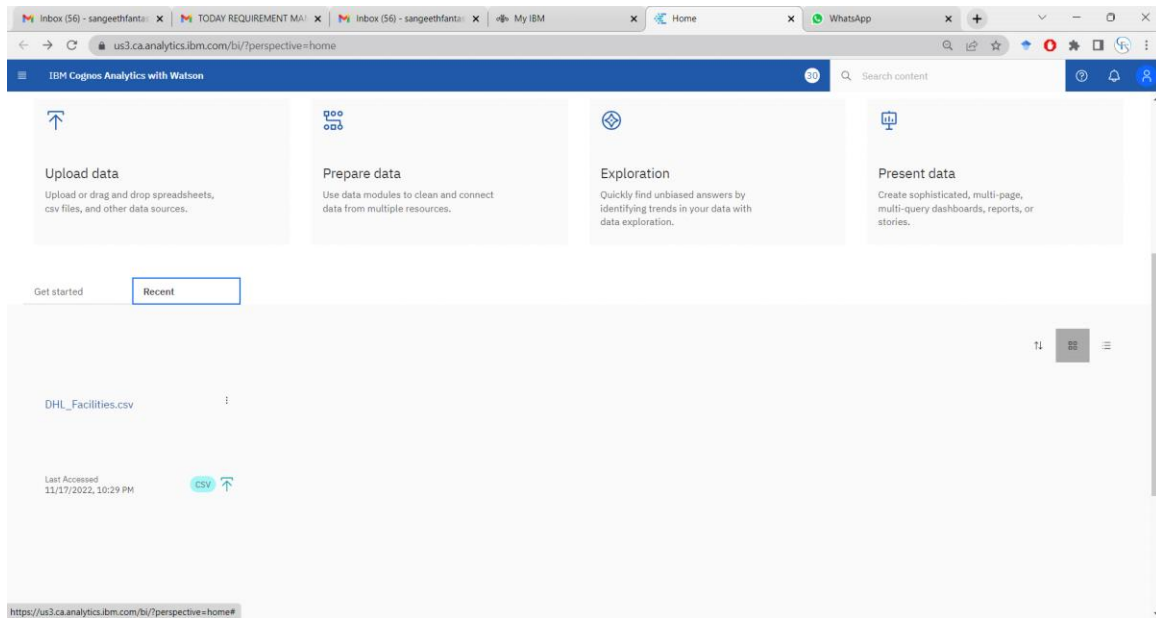
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

Get started **Recent**

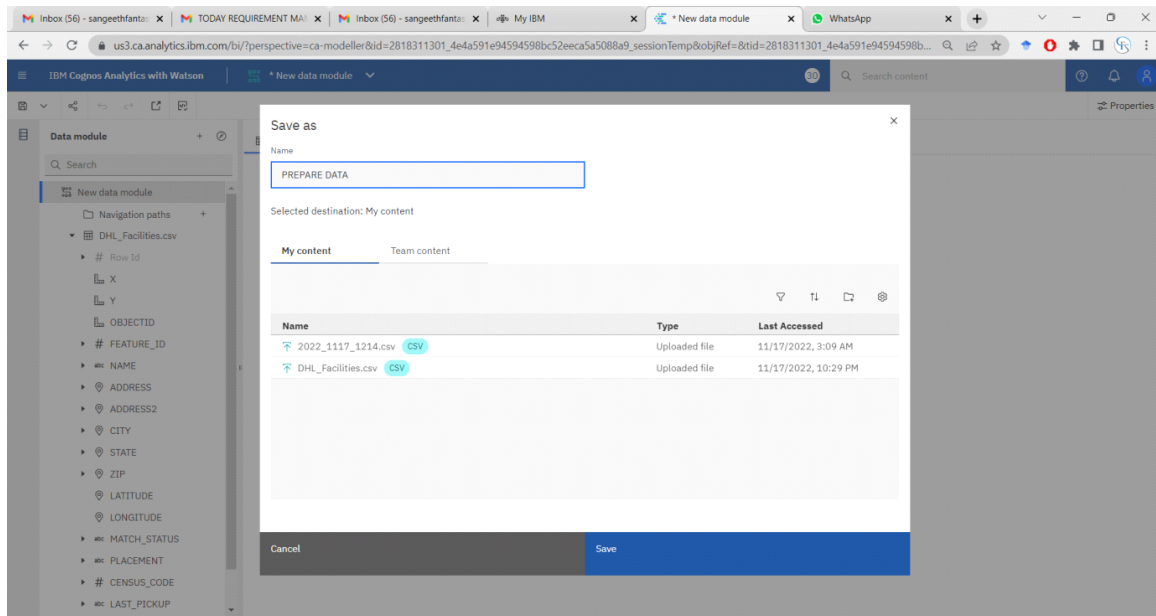
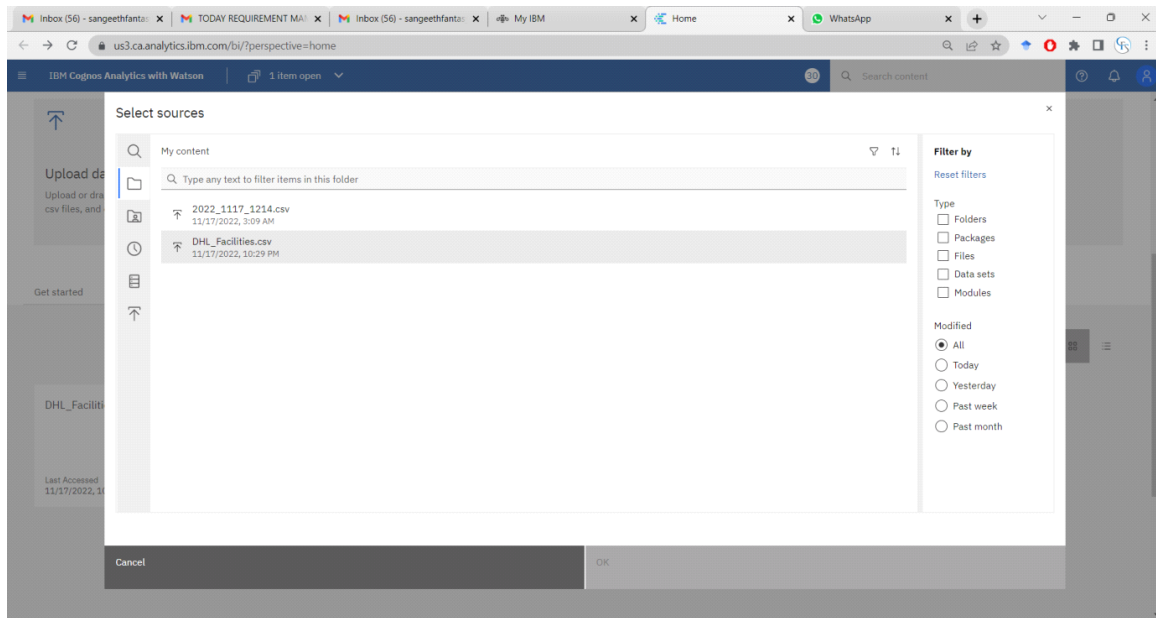
DHL\_Facilities.csv

Last Accessed 11/17/2022, 10:29 PM CSV

<https://us3.ca.analytics.ibm.com/bi/?perspective=home#>



## PREPARE THE DATA



The screenshot shows the IBM Cognos Analytics interface. On the left, a sidebar lists the data module 'DHL\_Facilities.csv' and its fields: Row Id, X, Y, OBJECTID, FEATURE\_ID, NAME, ADDRESS, ADDRESS2, CITY, STATE, ZIP, LATITUDE, LONGITUDE, MATCH\_STATUS, PLACEMENT, CENSUS\_CODE, and LAST\_PICKUP. The main area displays a grid view of the data with 15 rows and 8 columns: Row Id, X, Y, OBJECTID, FEATURE\_ID, NAME, ADDRESS, and ADDRESS2.

Row Id	X	Y	OBJECTID	FEATURE_ID	NAME	ADDRESS	ADDRESS2
1	-11208338.4063	5030050.6886	1	2093	DHL STATION	5120 EAST LEE BIRD RD	NOT AVAILABLE
2	-8043436.2275	5299085.4766	2	2293	PC CONNECTION	450 MARLBORO ST	NOT AVAILABLE
3	-8045971.8629	5301971.1998	3	2294	20 CENTRAL SQ	20 CENTRAL SQ	NOT AVAILABLE
4	-8046141.6251	5301455.1644	4	2299	SHIPPING SHACK	63 EMERALD ST	NOT AVAILABLE
5	-8053021.8375	5367961.06	5	2597	CLAREMONT LOCK & KEY	159 PLEASANT ST	NOT AVAILABLE
6	-7992278.131	5623122.3718	6	2853	25 NELSON ROAD	25 NELSON RD	NOT AVAILABLE
7	-9407483.1514	4583990.0076	7	4305	UNIVERSITY OF KENTUCKY COLLEGE OF HEALTH SCIENCES	900 S LIMESTONE	NOT AVAILABLE
8	-8071231.8138	5217005.9287	8	6771	POSTAL CONNECTION	375 COLLEGE ST	NOT AVAILABLE
9	-8072774.5906	5218061.0587	9	6772	D H JONES REALTY	27 PRAY ST	NOT AVAILABLE
10	-8081281.0695	5212345.4458	10	6774	106 RUSSELL RD	106 RUSSELL RD	NOT AVAILABLE
11	-8153608.3483	5211298.6328	11	6802	DHL EXPRESS	100 VALLEY ST	NOT AVAILABLE
12	-8157179.4776	5217532.7256	12	6804	ARNOFF	55 PITTSFIELD RD	NOT AVAILABLE
13	-8147414.4205	5230090.8057	13	6807	DOWNING INDUSTRIAL PARK	1 DOWNING INDUSTRIAL PKY	NOT AVAILABLE
14	-8154613.5633	5228377.1519	14	6808	BERKSHIRE COMMONS	1 W ST	NOT AVAILABLE
15	-8204564.9565	5253490.6947	15	7126	TD BANKNORTH NEW	71 TROY RD	NOT AVAILABLE

## EXPLORATION OF DATA

The screenshot shows the IBM Cognos Analytics interface with a modal dialog box titled 'Add a data source to explore'. The dialog has two tabs: 'My content' and 'Team content'. Under 'My content', there is a table listing data sources:

Name	Type	Last Accessed
2022_1117_1214.csv (CSV)	Uploaded file	11/17/2022, 3:09 AM
DHL_Facilities.csv (CSV)	Uploaded file	11/17/2022, 10:29 PM
PREPARE DATA	Data module	11/17/2022, 10:32 PM

At the bottom of the dialog are 'Cancel' and 'Add' buttons. The background interface shows the 'Upload data' section with instructions to upload or drag and drop spreadsheets, csv files, and other data sources.

us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_35272c4f-df01-44c1-80ba-e6daa741b849&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections...

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Cards

Data relationships

### Select a starting point

Every exploration includes a data relationships card.

Start with any column. You can always change it later.

Q Enter data column. Not sure? Try X, Y

Try starting with one of these...

X Y OBJECTID MATCH\_STATUS

Skip

us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_35272c4f-df01-44c1-80ba-e6daa741b849&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections...

IBM Cognos Analytics with Watson

Cards

Data relationships

### Explore data relationships

PREPARE DATA

Reset to original

Q OBJECTID

Edit diagram

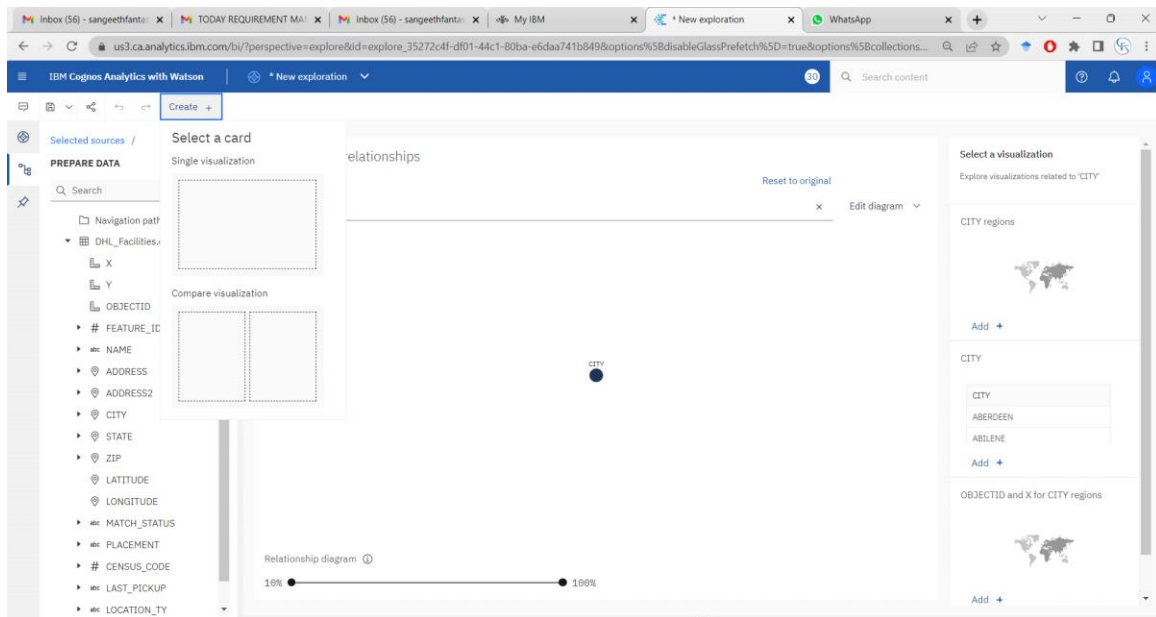
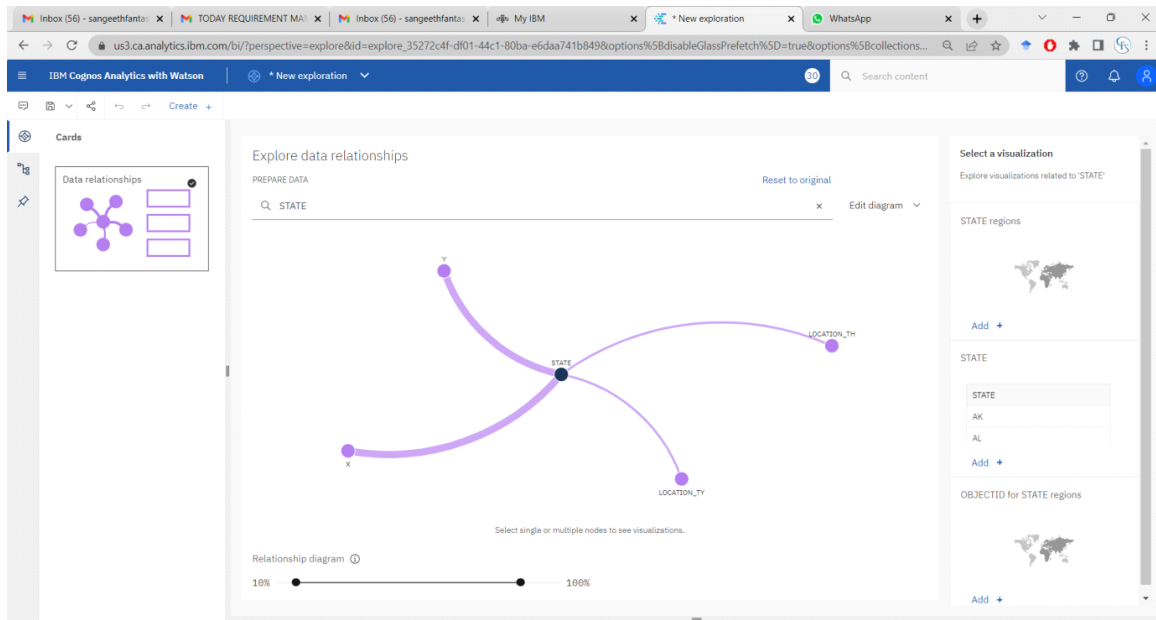
Select single or multiple nodes to see visualizations.

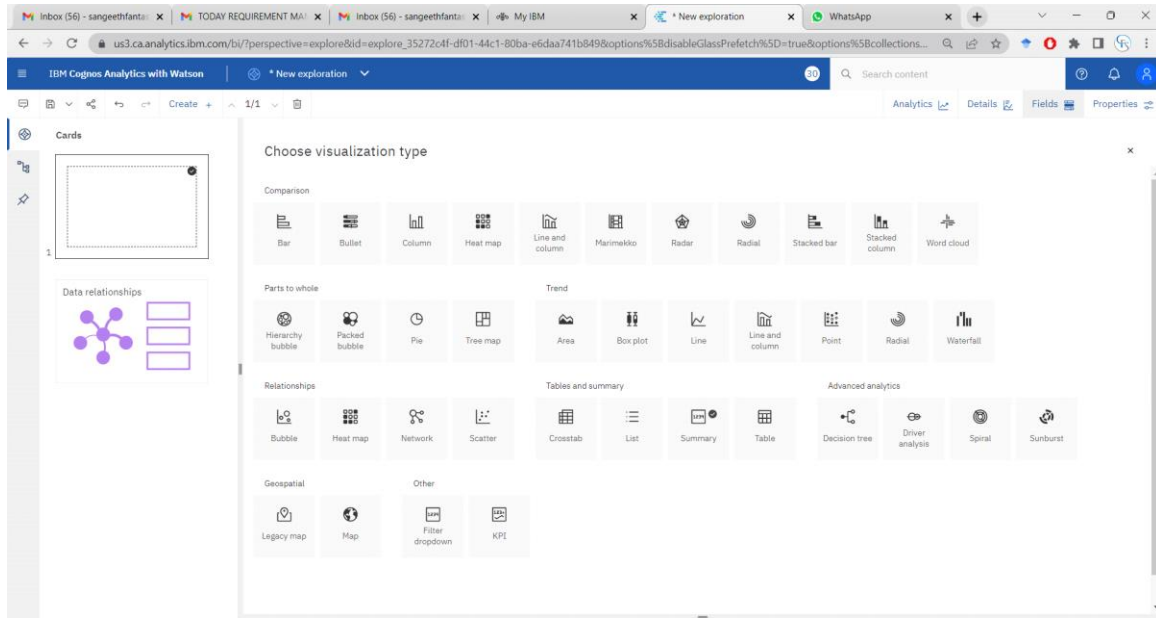
Relationship diagram 1

10% 100%

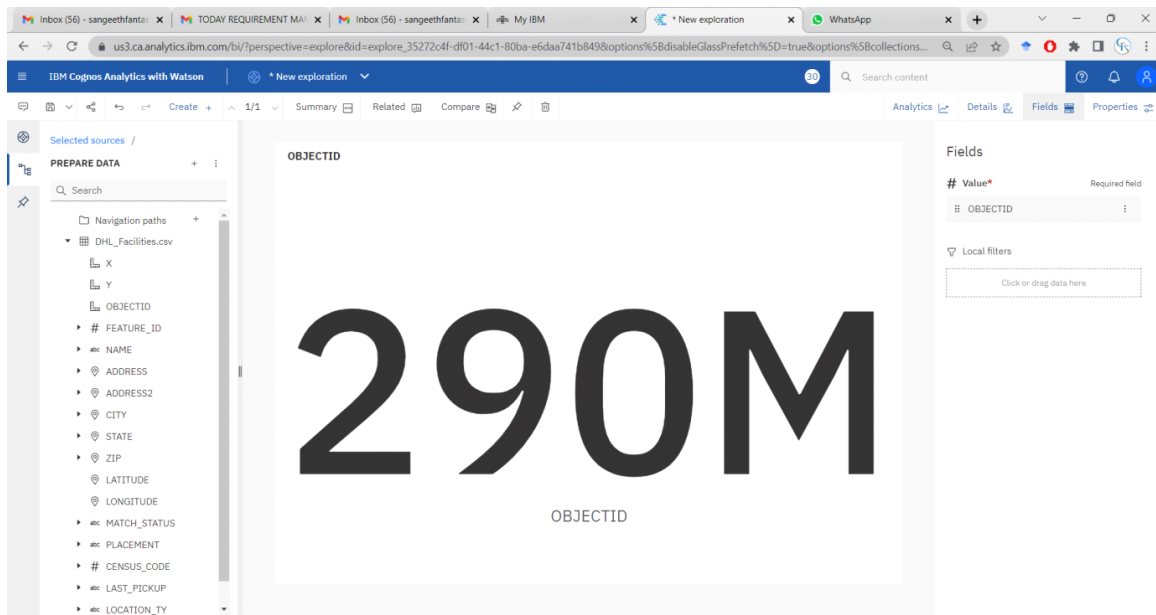
### Select a visualization

Explore visualizations related to 'OBJECTID'

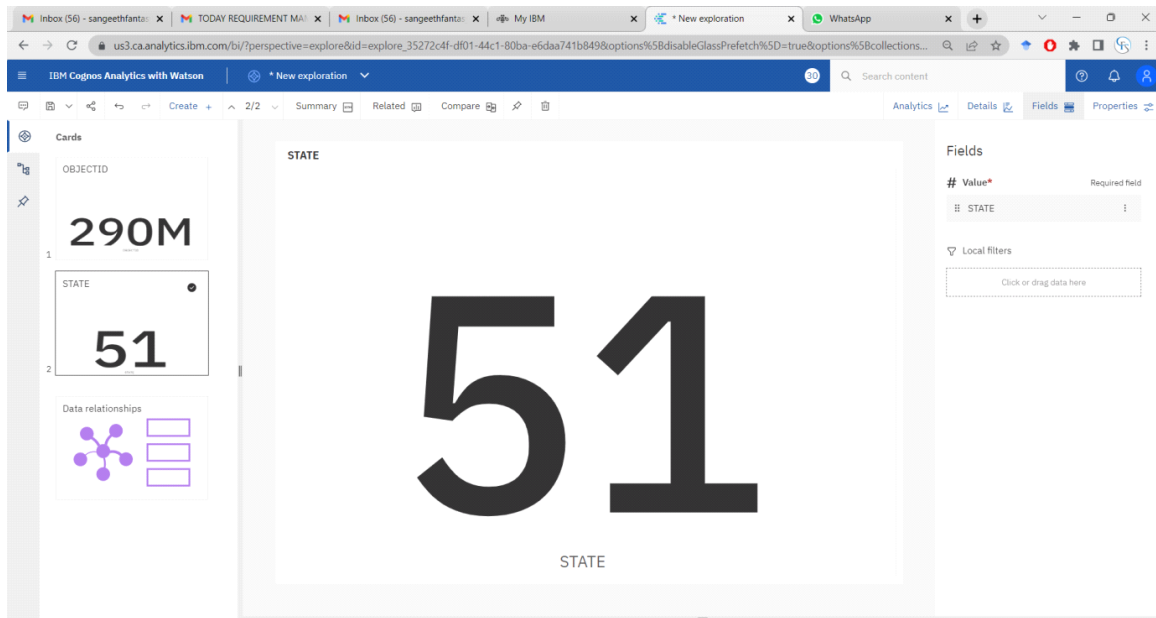




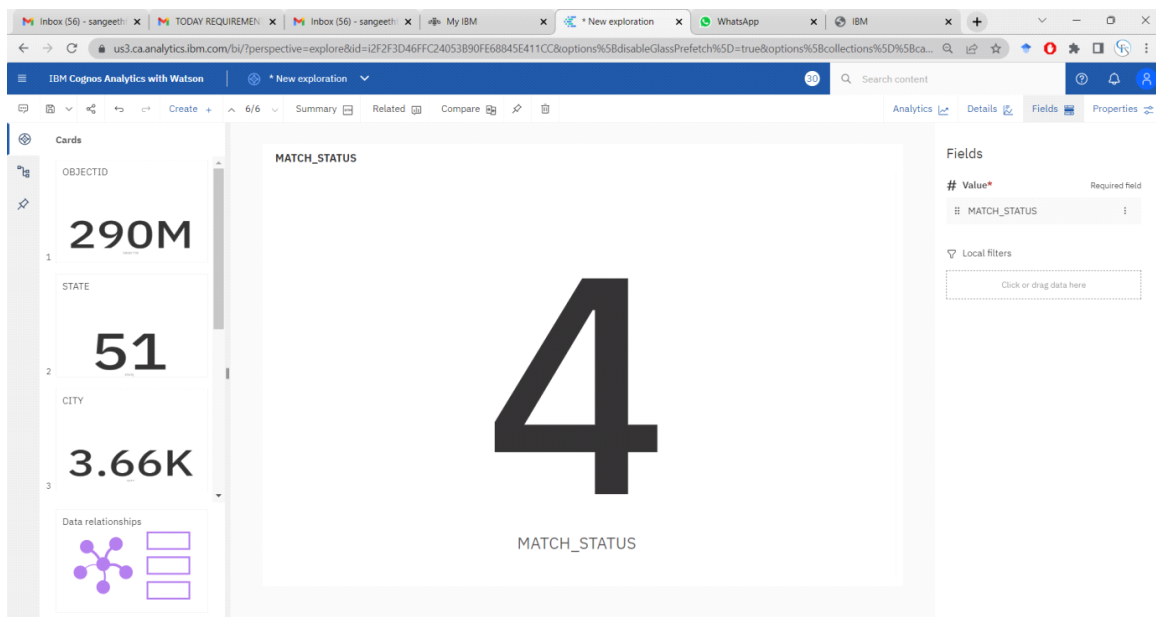
## OBJECTID



## STATE



## MATCH\_STATUS

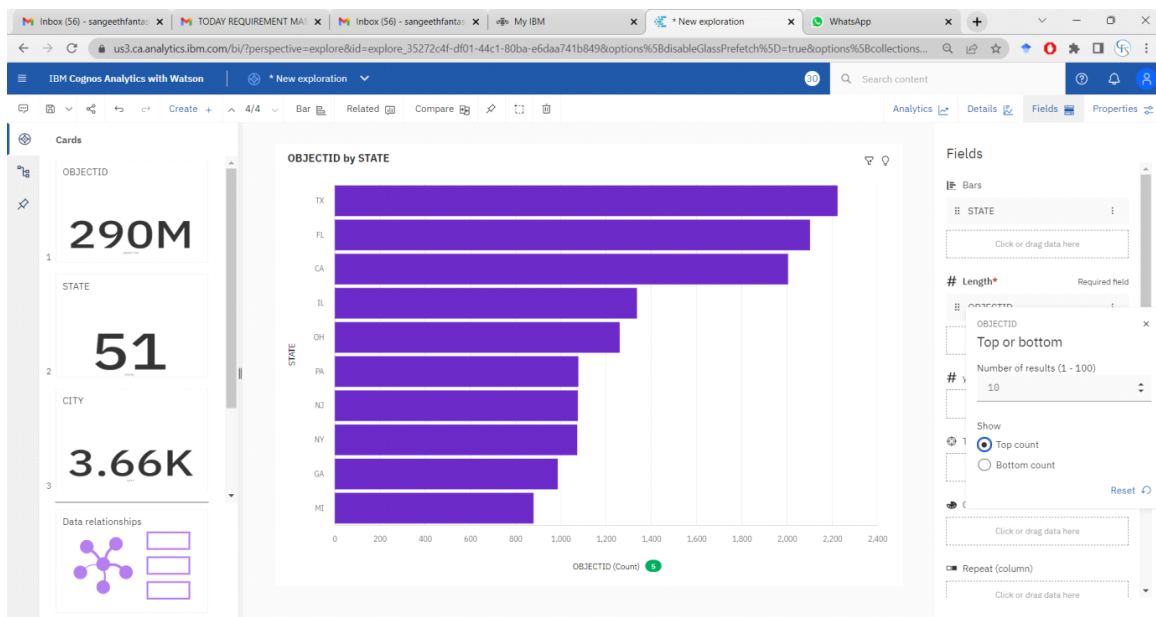


## CITY

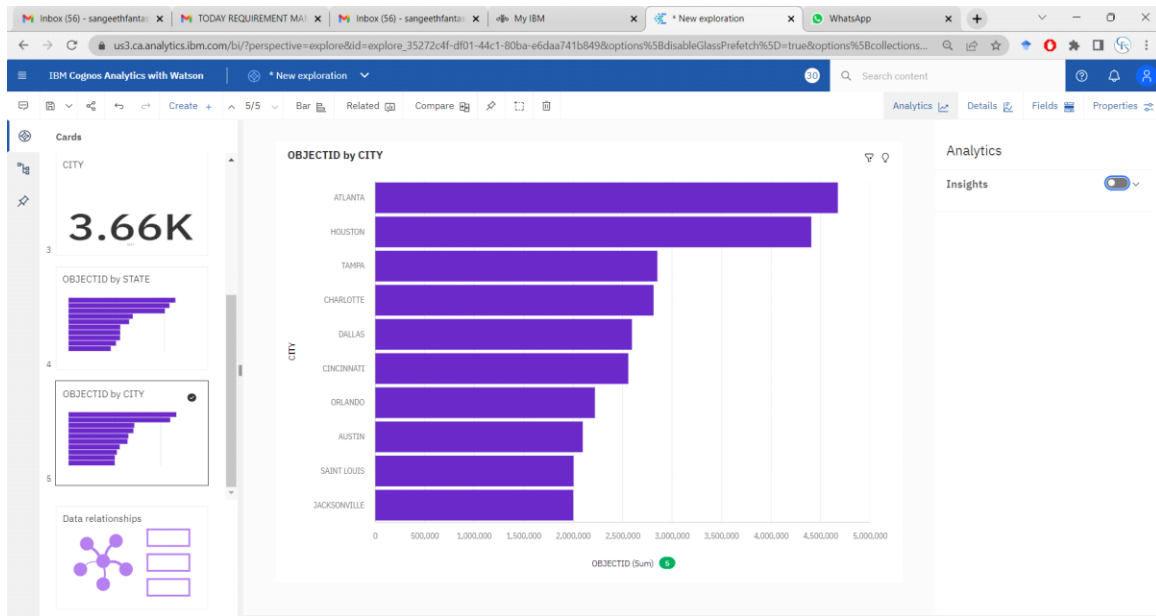
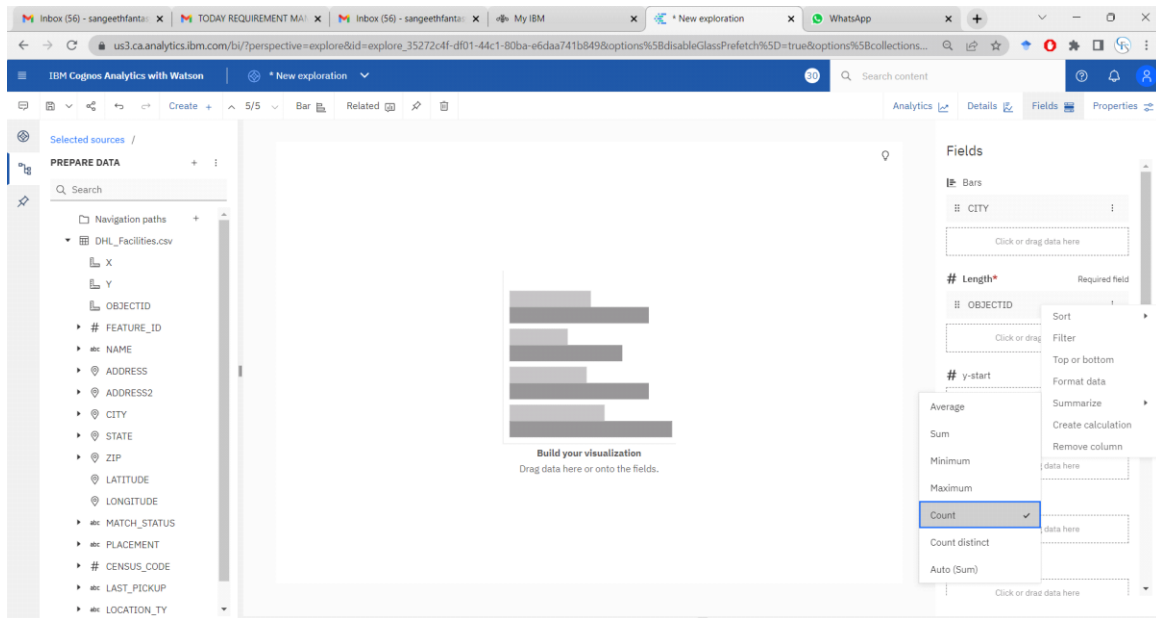




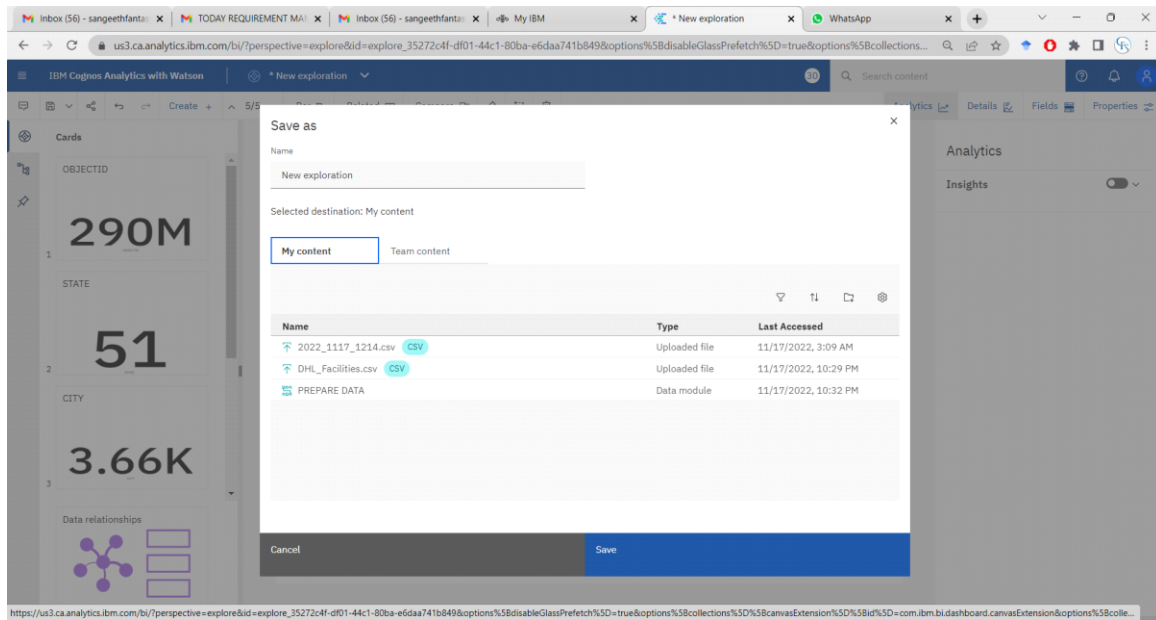
## OBJECTID BY STATE



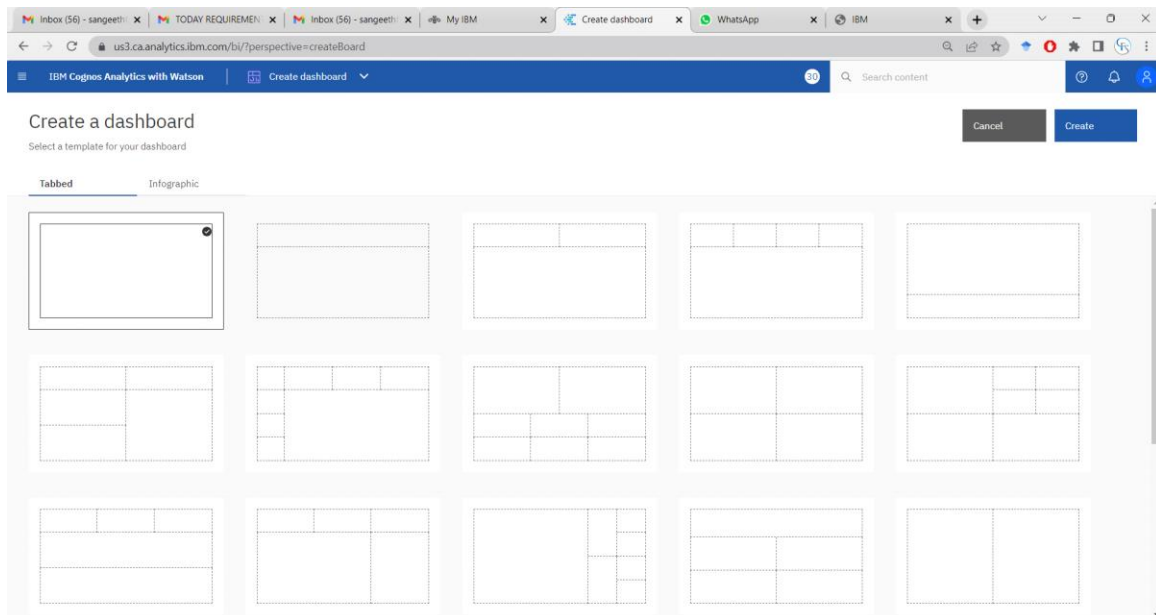
## OBJECT BY CITY



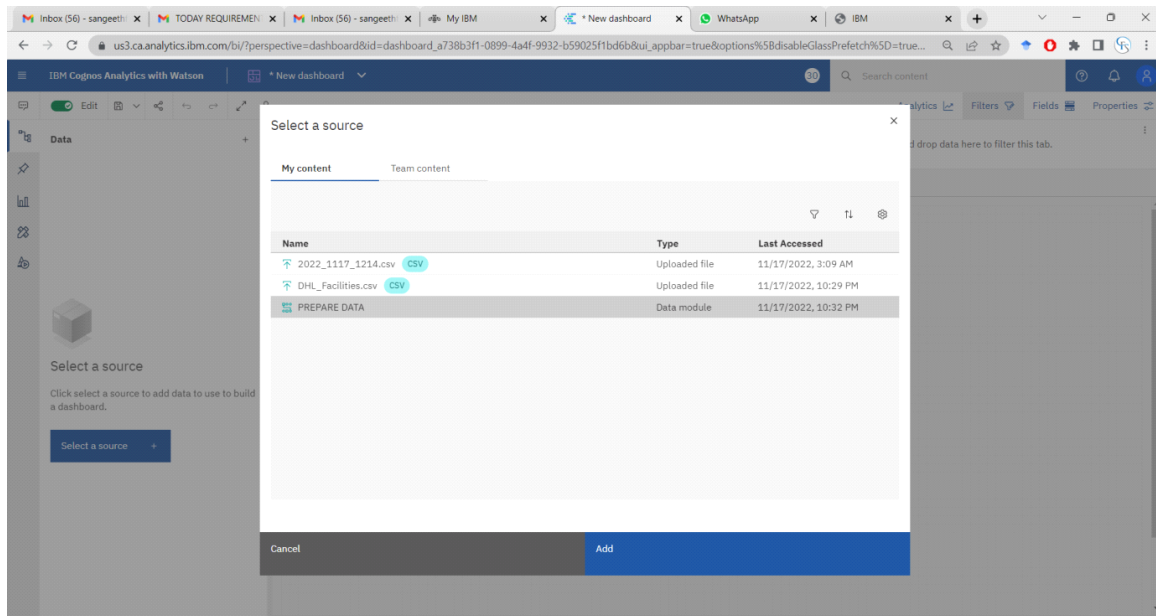
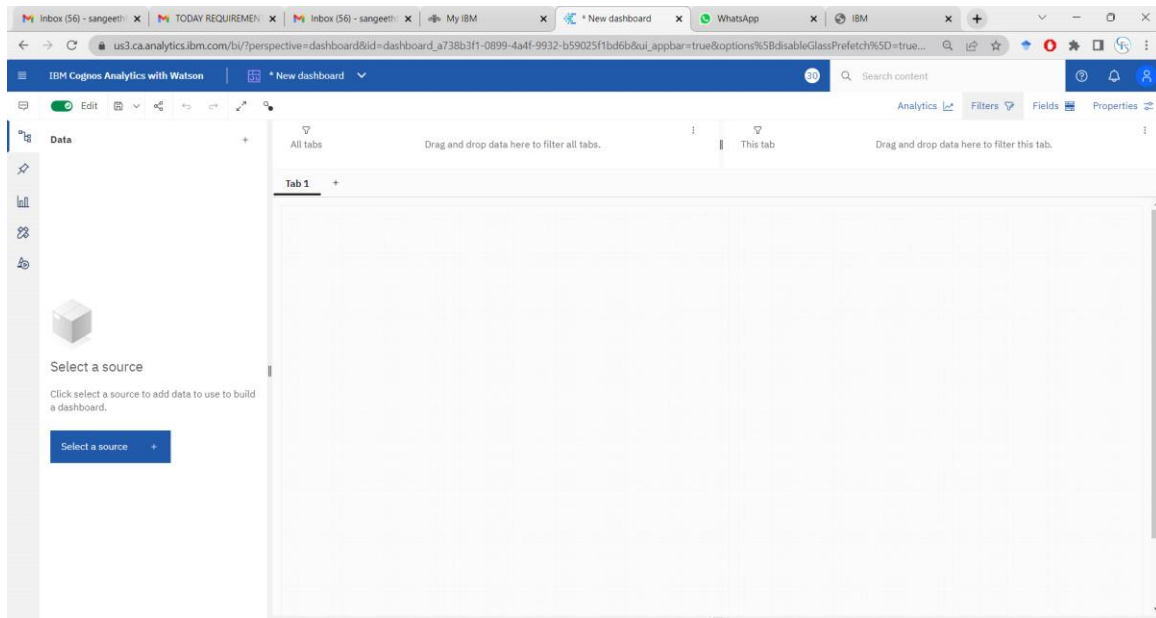
**SAVE EXPLORATION**



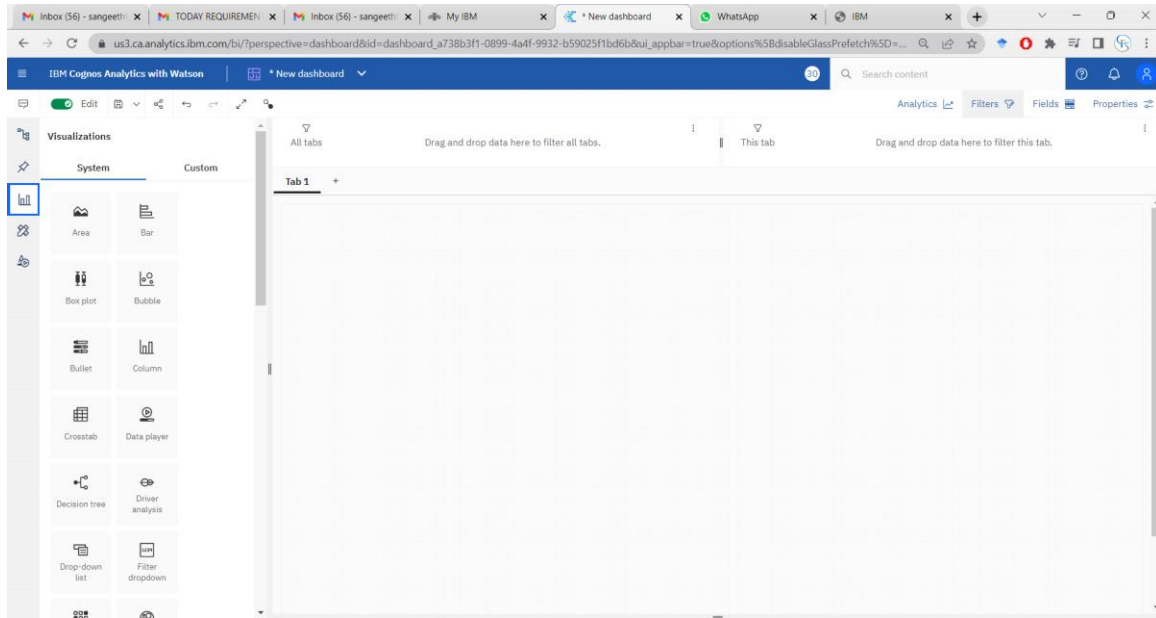
## DASHBOARD



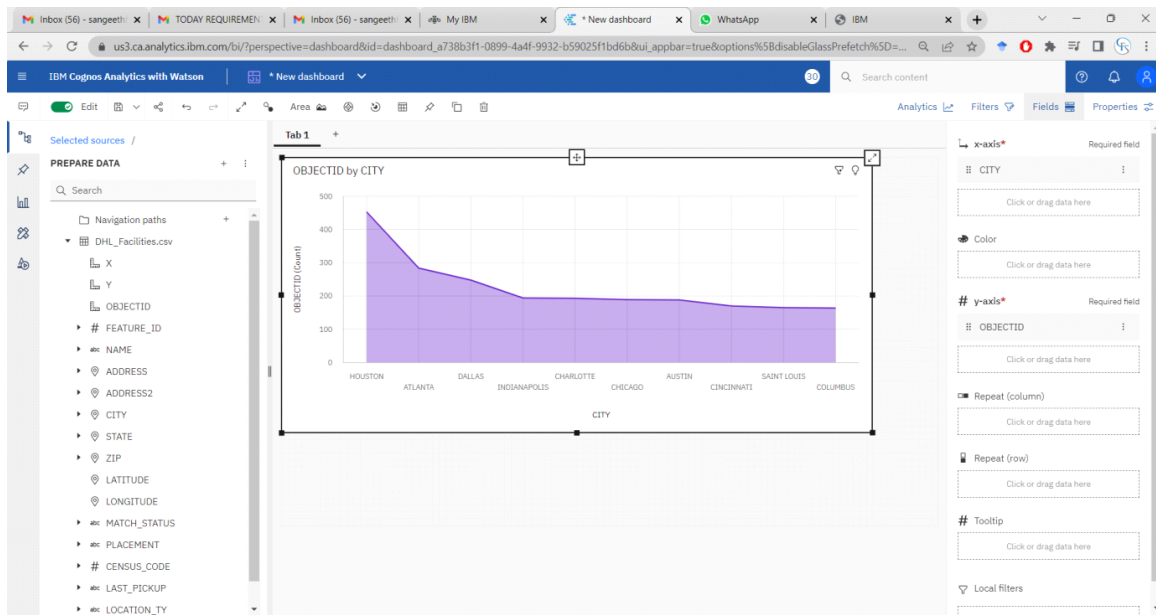
## SELECT SOURCE

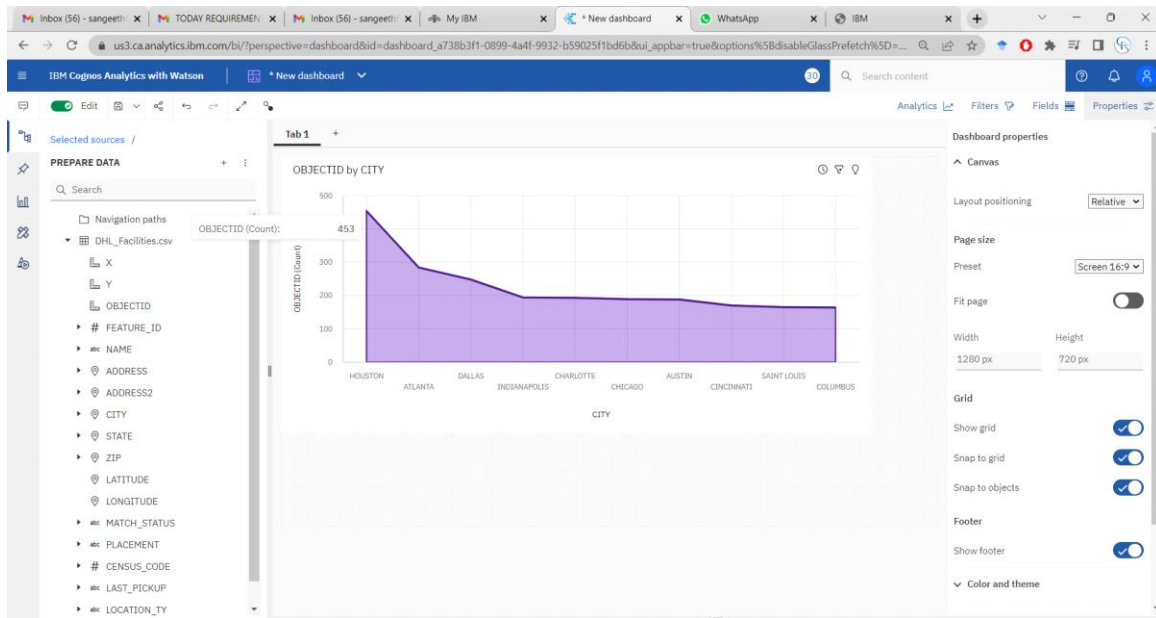


## DASHBOARD



## CITYWISE NUMBER OF PICKUPS

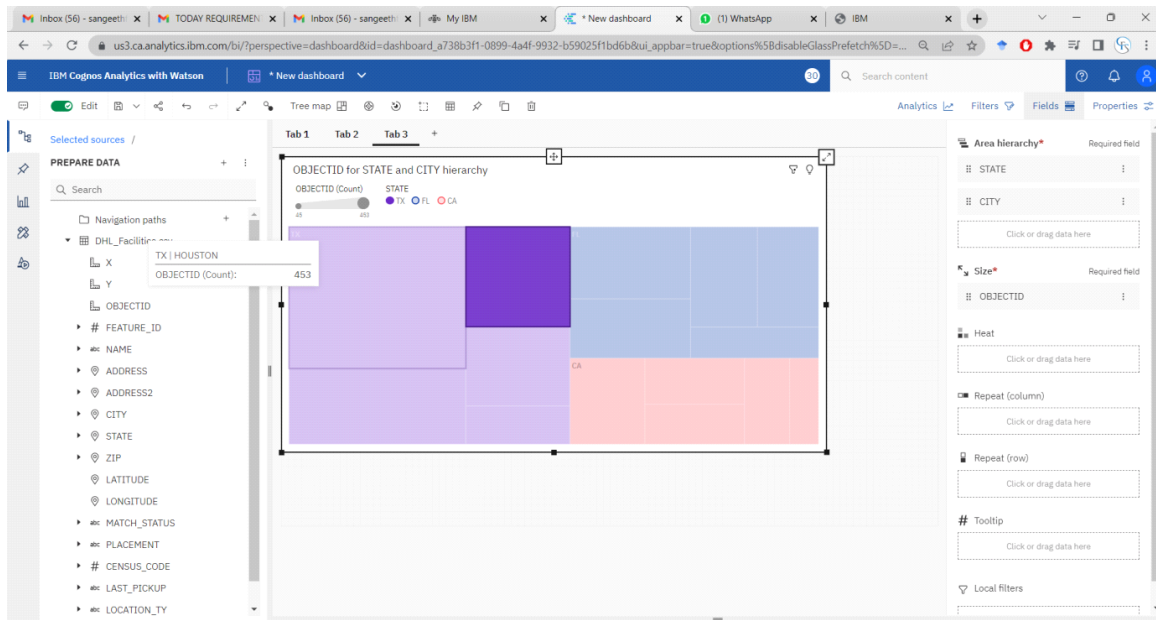




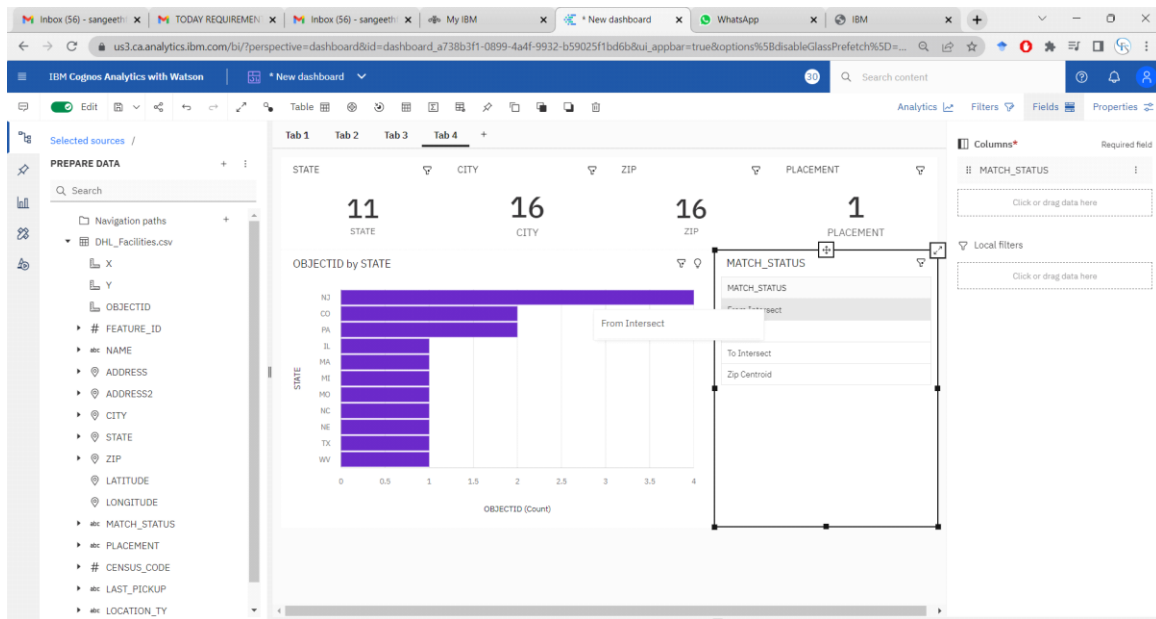
## TOP N DELIVERIES

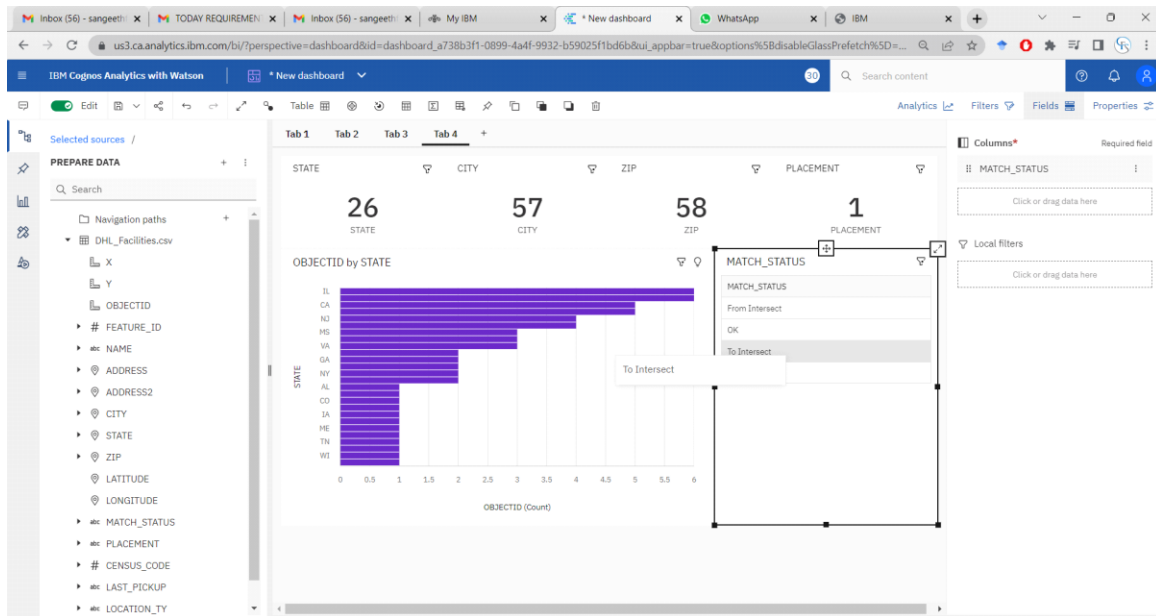
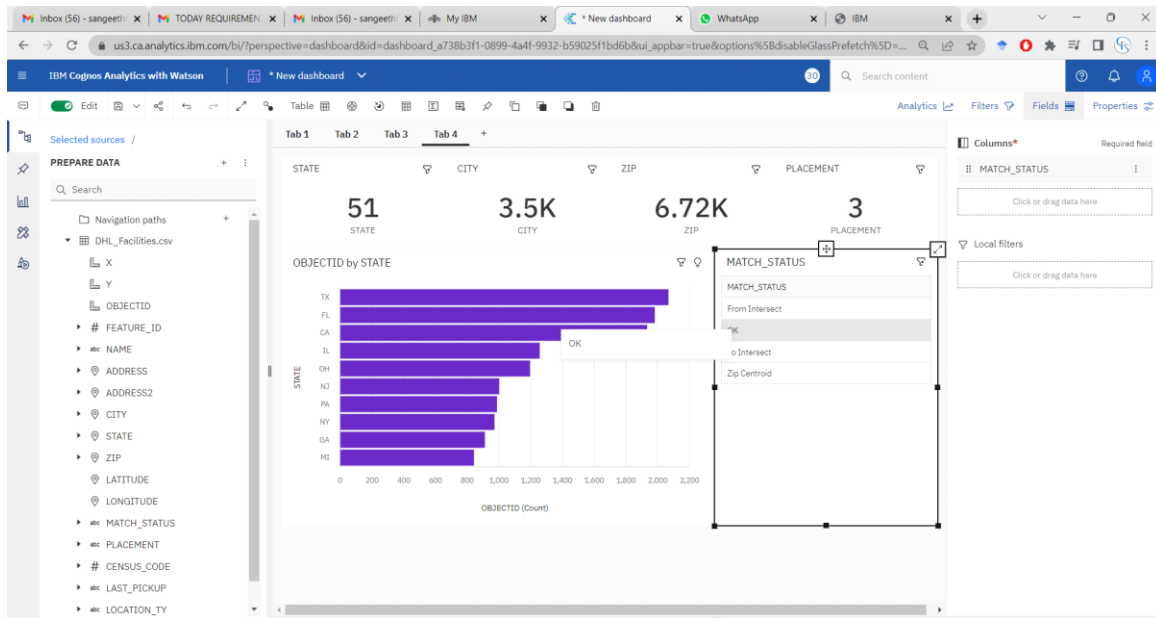
STATE	CITY	OBJECTID
TX	HOUSTON	453
	DALLAS	242
	AUSTIN	188
	SAN ANTONIO	149
Summary		1,032
IL	CHICAGO	189
	Summary	189
OH	CINCINNATI	170
	COLUMBUS	147
Summary		317
FL	TAMPA	157
	ORLANDO	129
	JACKSONVILLE	121

## Showing Top 3 State Deliveries

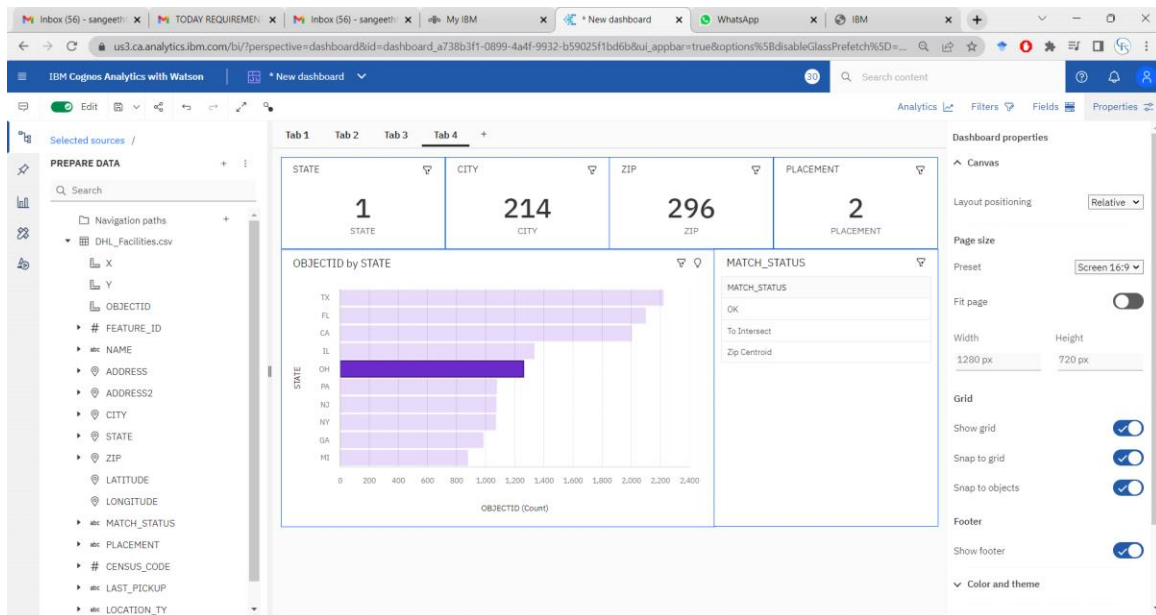
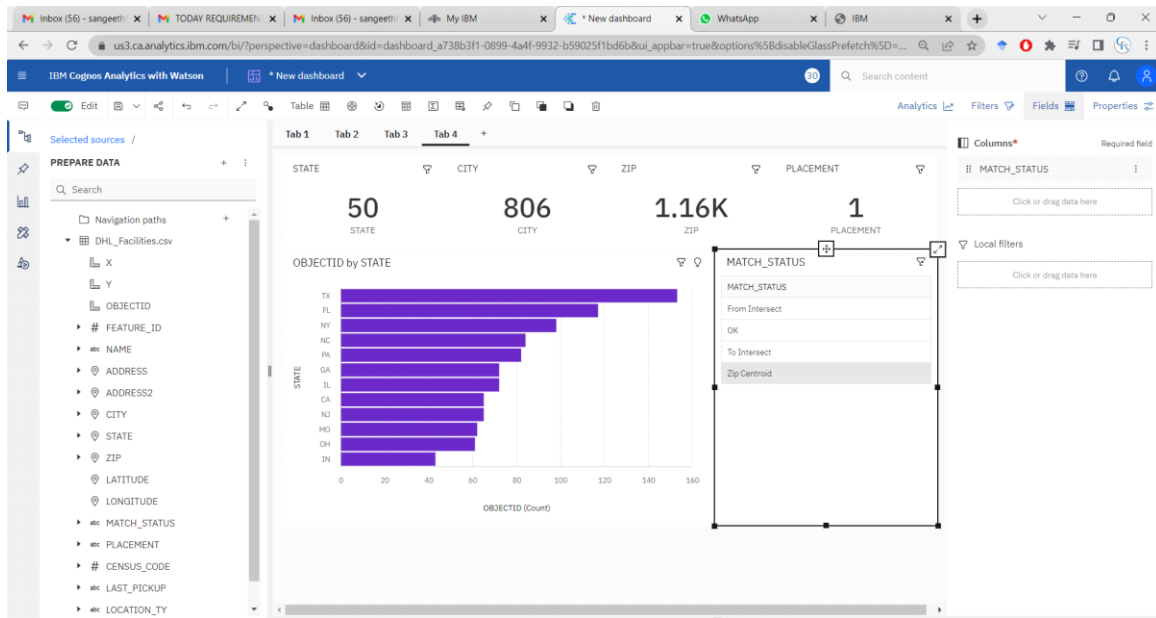


## Summary Charts and Bar Chart Showing Deliveries









**Dashboard showing Delivery stats using Donut Charts**

