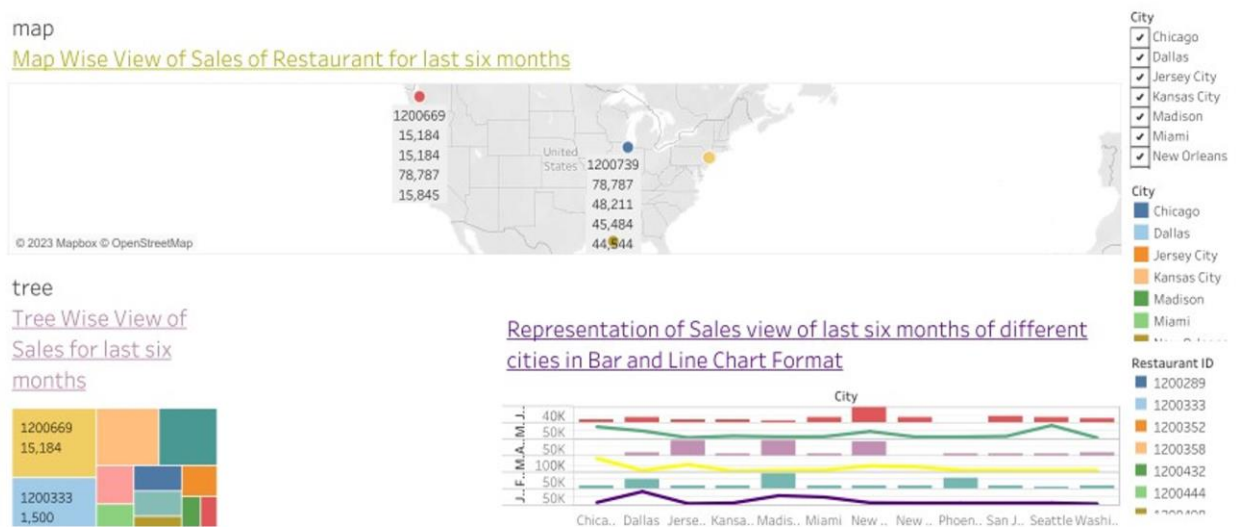


Restaurant Management System(Tableau-Concept)

Q1) Create a dashboard for senior management to view sales of restaurants for the last six months. Make assumptions as appropriate and create the dashboard using your own mock data.

Ans) The dashboard of sales of restaurant for last six months is shown below:

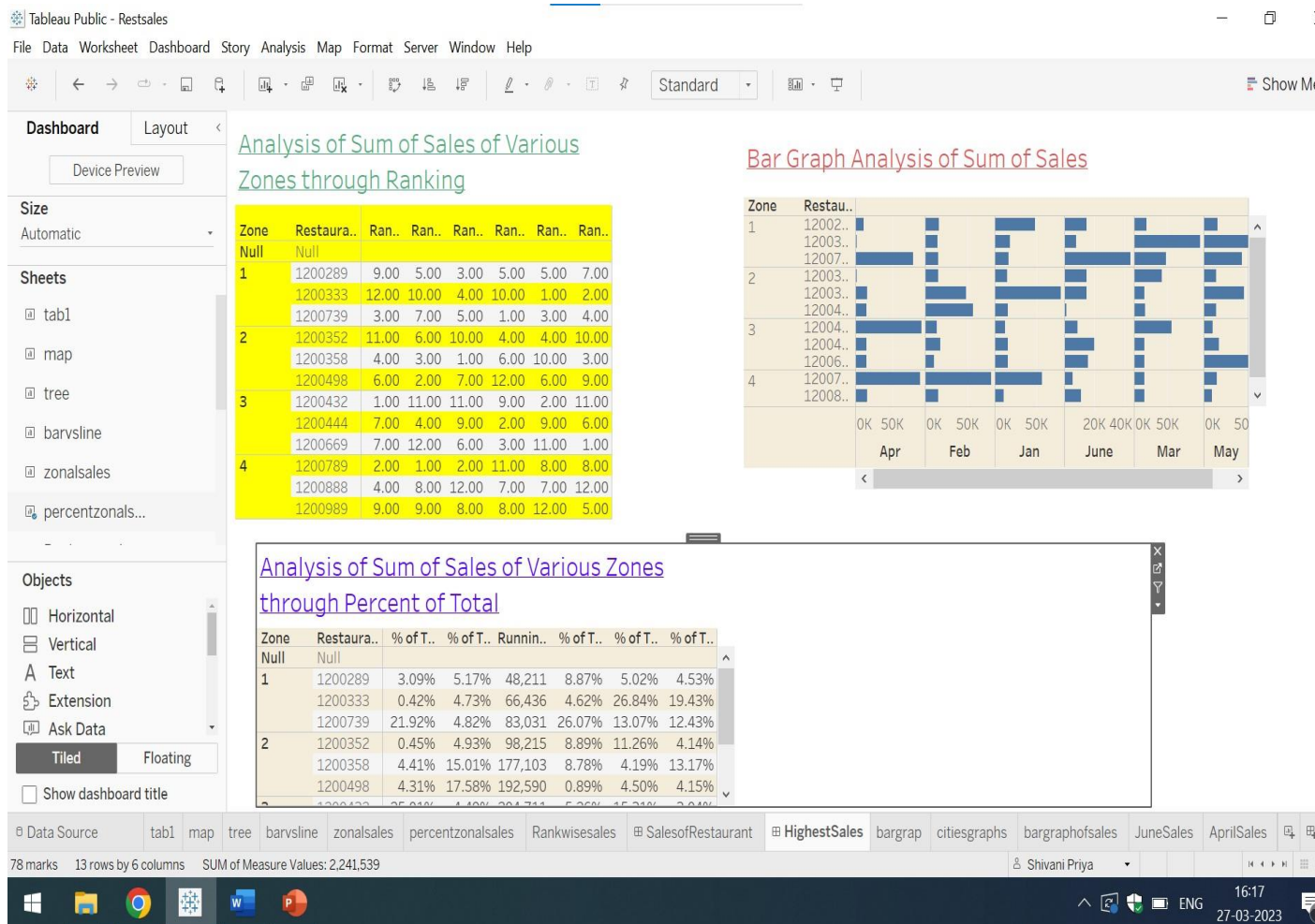


For detailed understanding of the above dashboard, kindly click on the below link

<https://public.tableau.com/app/profile/shivani.priya8178/viz/Restsales/JanSales?publish=yes>

Q2) Create a dashboard to show which zone (Zone 1, 2, 3, or 4) has highest sales. Make assumptions as appropriate and create the dashboard using your own mock data.

Ans)



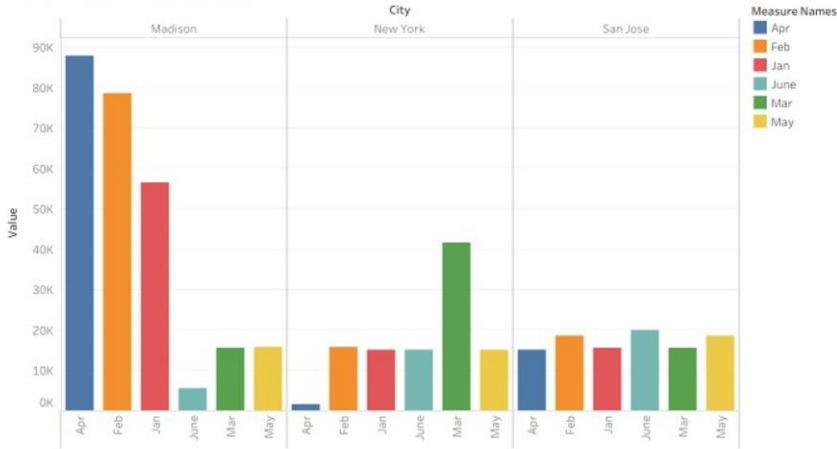
From the above mentioned dashboard, it is clear that Zone 4 has highest Sales. From Rank wise Sales Analysis it is clear that zone 4 is having highest sales

1)-Create a bar graph for San Jose, Madison, and New York showing the sales. Label the chart drawn correctly so that senior management gets a clear report of sales.

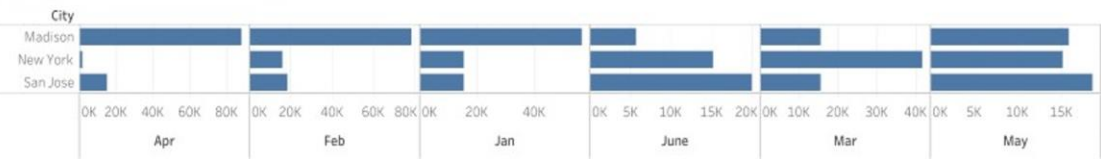
Ans) The bar graph for San Jose, Madison, and New York showing the sales.

Is mentioned below:

citiesgraphs
Representation of Sales for San Jones, Madison and New York
through Side By Side Bar Chart



bargraphofsales
Representation of Sales for San Jones, Madison and New York
through Horizontal Bar Chart

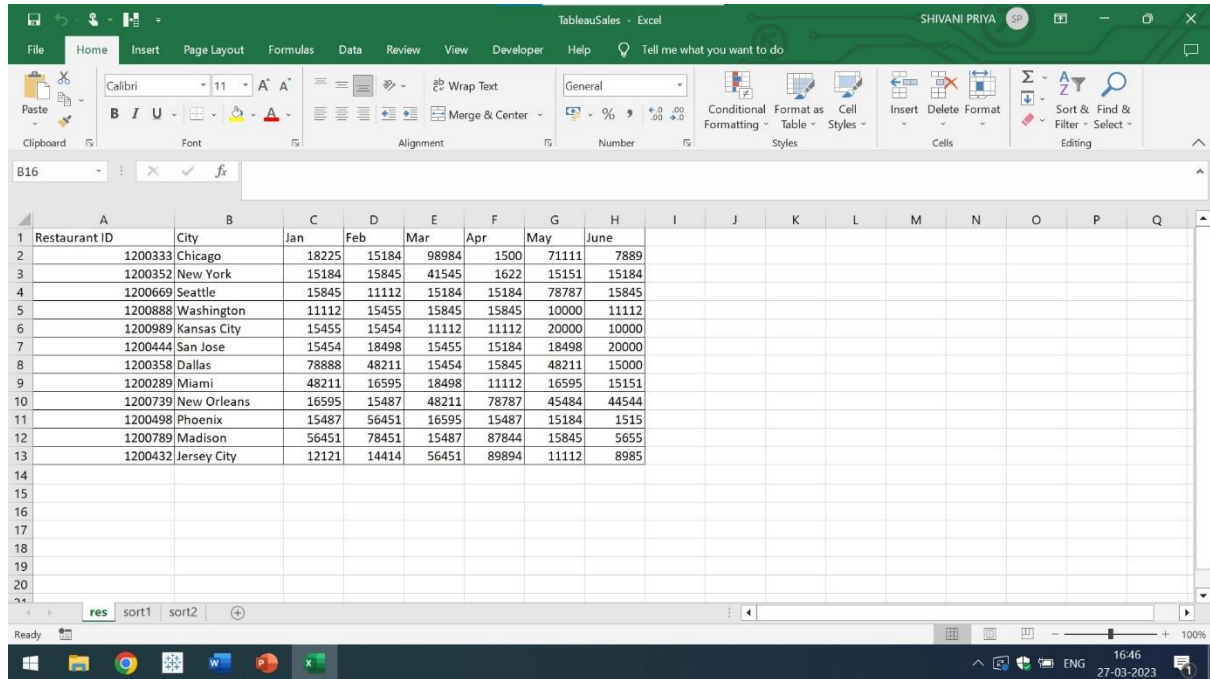


For detailed view of bar graph click on the below mentioned link

<https://public.tableau.com/app/profile/shivani.priya8178/viz/Restsales/HighestSales?publish=yes>

Q2) Arrange the data above in excel in an ascending and descending order for each city

Ans) The original excel sheet data is:



Restaurant ID	City	Jan	Feb	Mar	Apr	May	June
1200333	Chicago	18225	15184	98984	1500	71111	7889
1200352	New York	15184	15845	41545	1622	15151	15184
1200669	Seattle	15845	11112	15184	15184	78787	15845
1200888	Washington	11112	15455	15845	15845	10000	11112
1200989	Kansas City	15455	15454	11112	11112	20000	10000
1200444	San Jose	15454	18498	15455	15184	18498	20000
1200358	Dallas	78888	48211	15454	15845	48211	15000
1200289	Miami	48211	16595	18498	11112	16595	15151
1200739	New Orleans	16595	15487	48211	78787	45484	44544
1200498	Phoenix	15487	56451	16595	15487	15184	1515
1200789	Madison	56451	78451	15487	87844	15845	5655
1200432	Jersey City	12121	14414	56451	89894	11112	8985

The arrangement of above data in excel in an ascending order for each city is:

Excel screenshot showing data sorted in ascending order by city. The data is as follows:

Restaurant ID	City	Jan	Feb	Mar	Apr	May	June
1200333	Chicago	18225	15184	98984	1500	71111	7889
1200358	Dallas	78888	48211	15454	15845	48211	15000
1200432	Jersey City	12121	14414	56451	89894	11112	8985
1200989	Kansas City	15455	15454	11112	11112	20000	10000
1200789	Madison	56451	78451	15487	87844	15845	5655
1200289	Miami	48211	16595	18498	11112	16595	15151
1200739	New Orleans	16595	15487	48211	78787	45484	44544
1200352	New York	15184	15845	41545	1622	15151	15184
1200498	Phoenix	15487	56451	16595	15487	15184	1515
1200444	San Jose	15454	18498	15455	15184	18498	20000
1200669	Seattle	15845	11112	15184	15184	78787	15845
1200888	Washington	11112	15455	15845	15845	10000	11112

The arrangement of data in excel in descending order of city is:

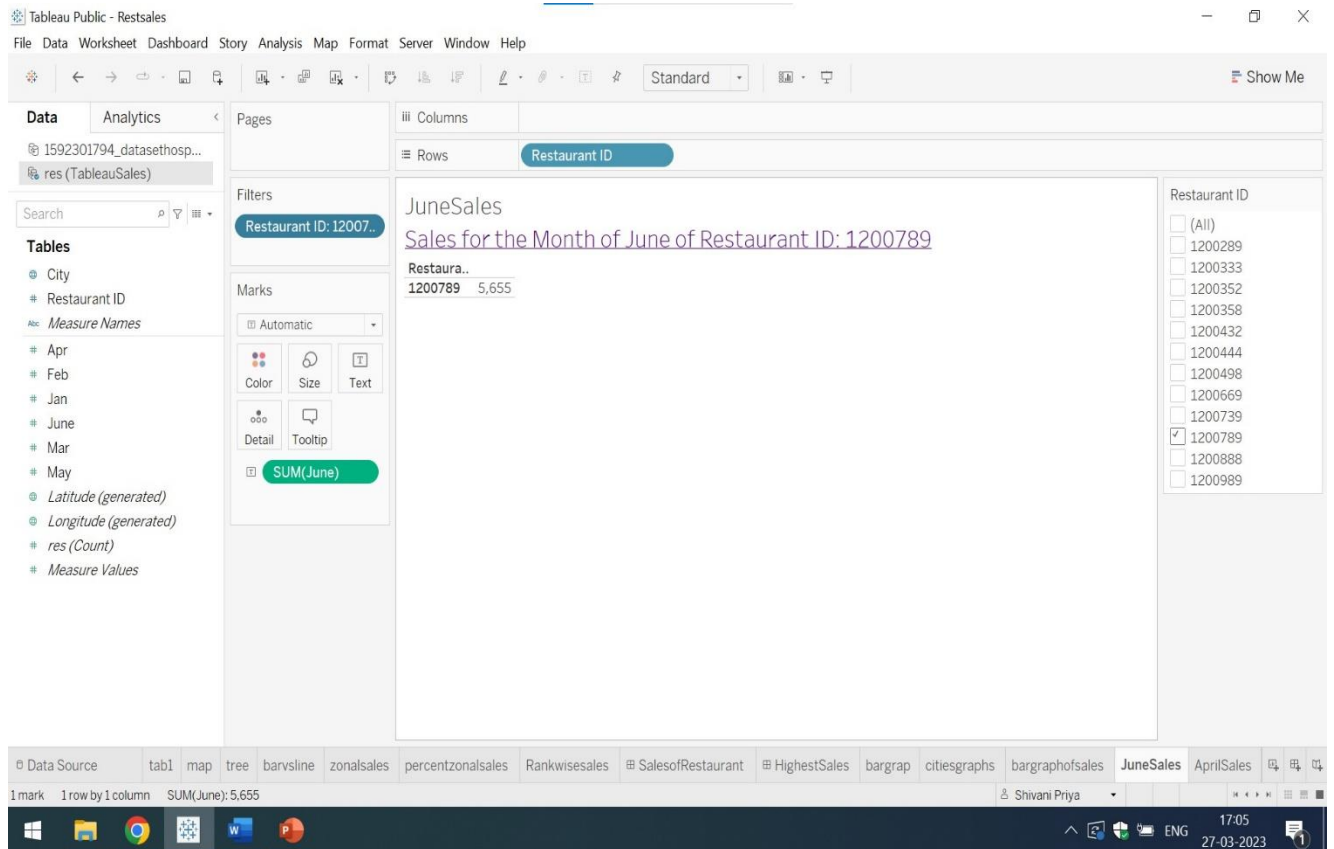
Excel screenshot showing data sorted in descending order by city. The data is as follows:

Restaurant ID	City	Jan	Feb	Mar	Apr	May	June
1200888	Washington	11112	15455	15845	15845	10000	11112
1200669	Seattle	15845	11112	15184	15184	78787	15845
1200444	San Jose	15454	18498	15455	15184	18498	20000
1200498	Phoenix	15487	56451	16595	15487	15184	1515
1200352	New York	15184	15845	41545	1622	15151	15184
1200739	New Orleans	16595	15487	48211	78787	45484	44544
1200289	Miami	48211	16595	18498	11112	16595	15151
1200789	Madison	56451	78451	15487	87844	15845	5655
1200989	Kansas City	15455	15454	11112	11112	20000	10000
1200432	Jersey City	12121	14414	56451	89894	11112	8985
1200358	Dallas	78888	48211	15454	15845	48211	15000
1200333	Chicago	18225	15184	98984	1500	71111	7889

Question 2:

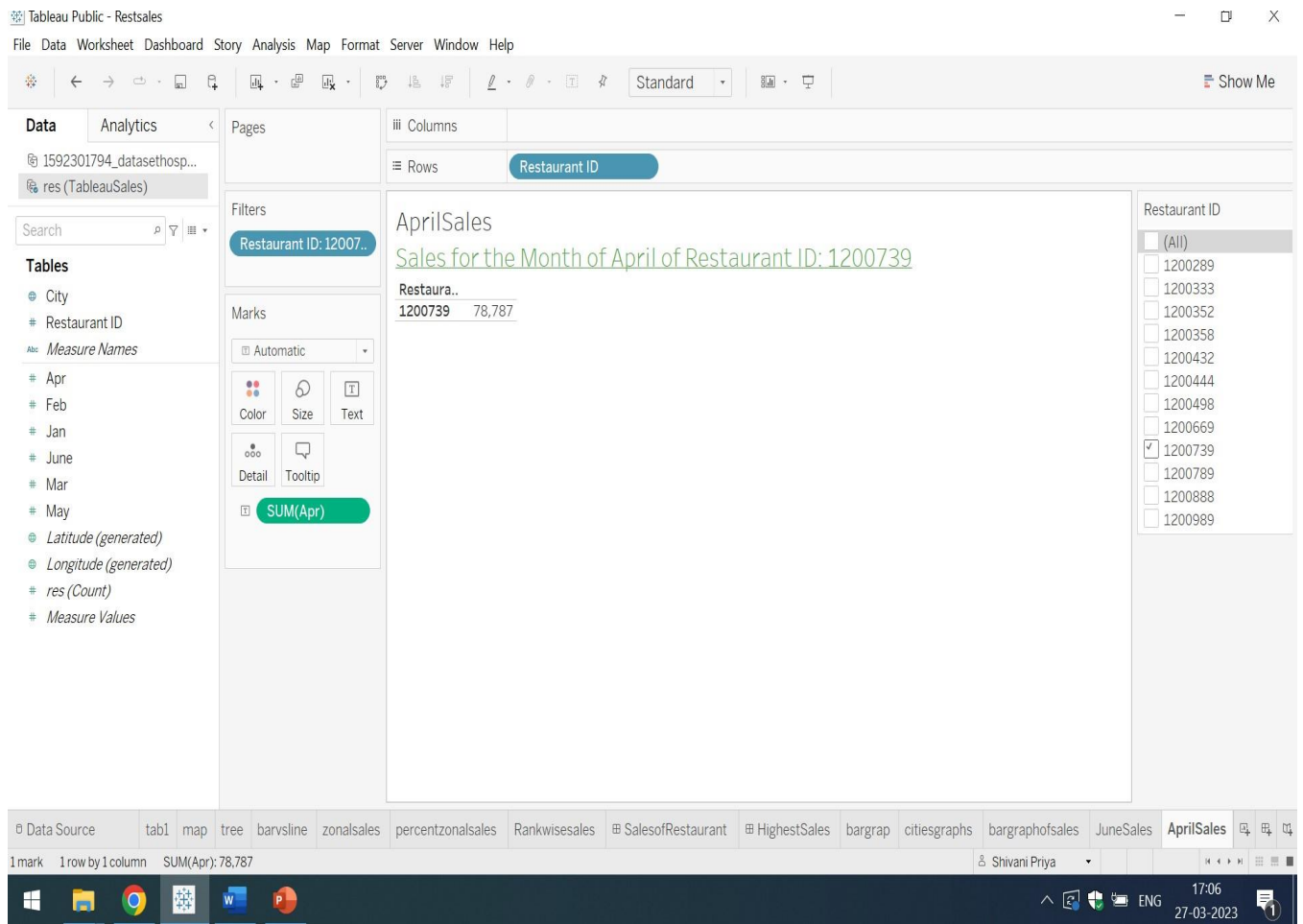
In the above chart for restaurant ID 1200789, find the sales for the month of June

Ans) The sales for the month of June for Restaurant ID 1200789 is:

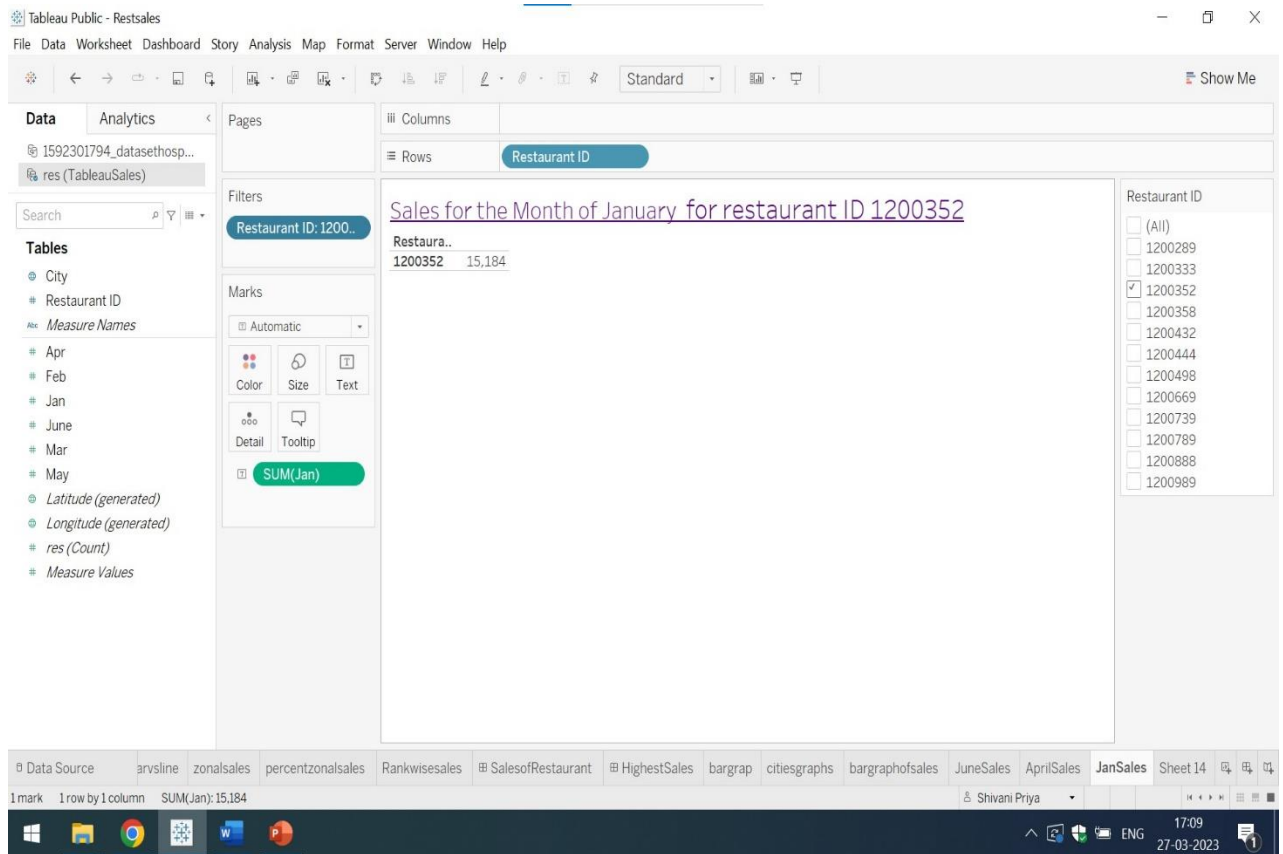


The sales for the month of April for Restaurant ID 1200739, is:

<u>Restaurant ID</u>	<u>Month</u>	<u>Sales</u>
1200789	June	5655
1200739	April	78,787
1200352	January	15,184



The sales for the month of January for Restaurant ID 1200352, is:



For detailed View and Analysis of Dashboard click on:

<https://public.tableau.com/app/profile/shivani.priya8178/viz/Restsales/JanSales?publish=yes>

Click on the above mentioned various tabs and view the sheets accordingly