

Healthcare Data Analysis In Tableau

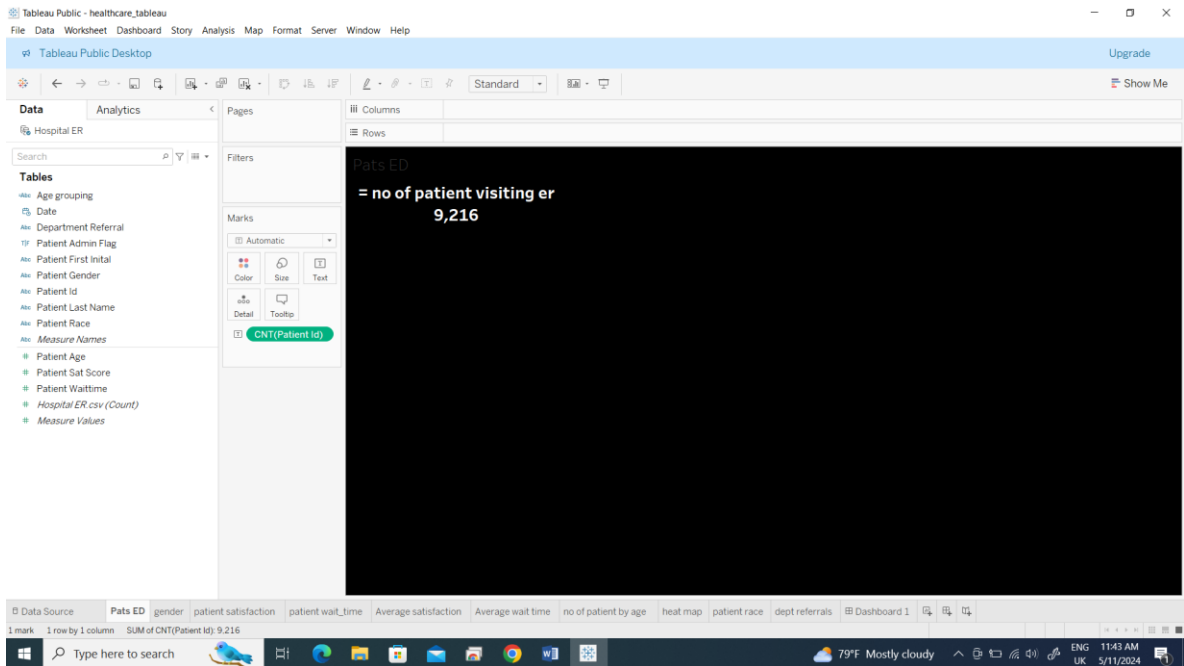
Data source: <https://data.world/markbradbourn/rwfd-real-world-fake-data/workspace/file?filename=Hospital+ER.csv>

1. Loading data into tableau

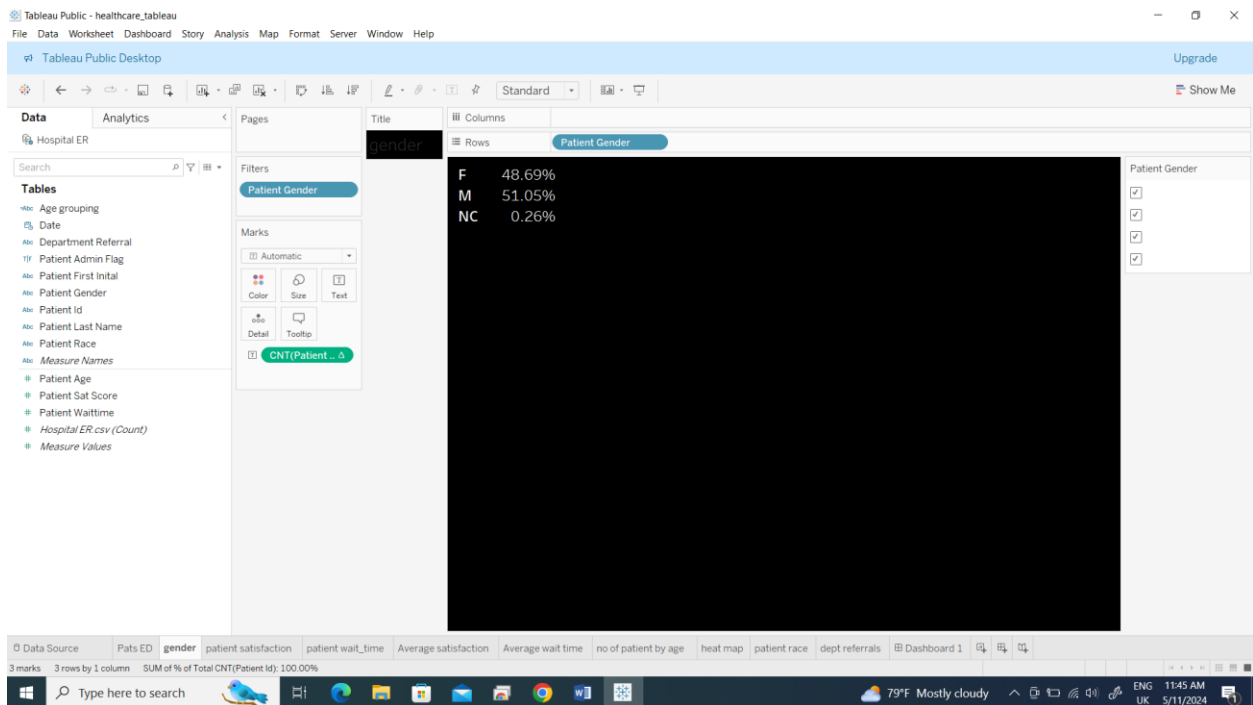
The screenshot shows the Tableau Public Desktop interface. The 'Connections' pane on the left lists the 'Hospital ER' data source. The 'Files' pane shows a list of files including 'california_cities.csv', 'data.csv', 'Hospital ER (1).csv', 'Hospital ER.csv', 'iris.csv', 'layouts.csv', and 'president_heights.csv'. The main workspace displays the 'Hospital ER' data source with a preview of the data. The preview table has the following columns: Date, Patient Id, Patient Gender, Patient Age, Patient Sat Score, and Patient First Initial. The data is sorted by Date in descending order.

Date	Patient Id	Patient Gender	Patient Age	Patient Sat Score	Patient First Initial
3/20/2020 8:47:01 AM	145-39-5406	M	69	10	H
6/15/2020 11:29:36 AM	316-34-3057	M	4	null	X
6/20/2020 9:13:13 AM	897-46-3852	F	56	9	P
2/4/2020 10:34:29 PM	358-31-9711	F	24	8	U
9/4/2020 5:48:27 PM	289-26-0537	M	5	null	Y
4/20/2019 12:13:05 AM	255-51-2877	M	58	null	H
8/23/2019 8:26:21 AM	465-97-0990	F	68	null	F
7/29/2019 4:57:15 PM	157-31-7520	F	47	null	K

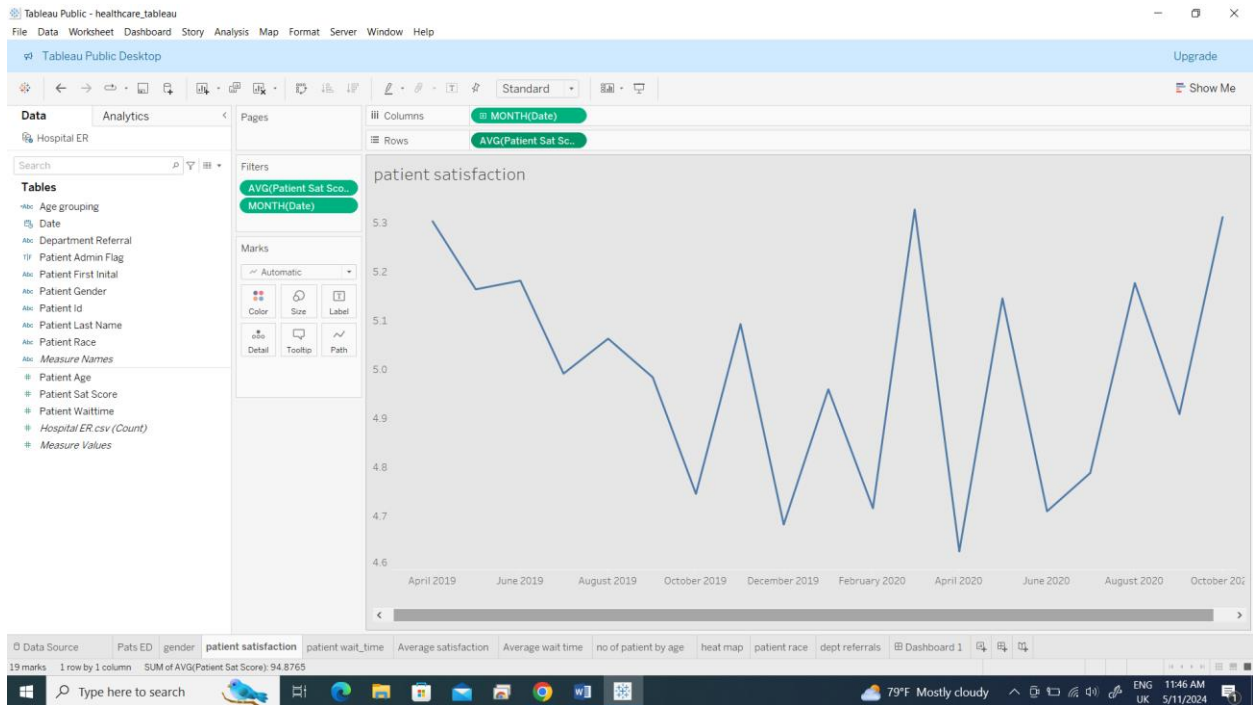
2. Calculating total no of patient visiting emergency room



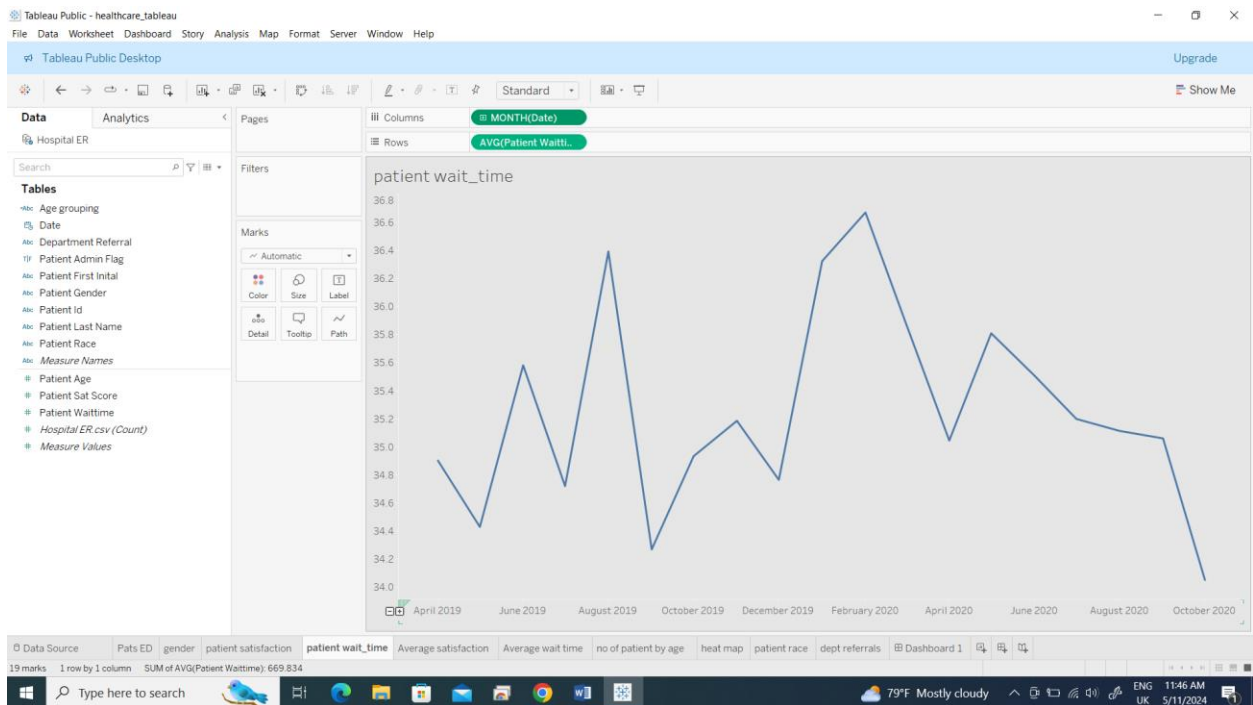
3. Calculating no of patient by gender



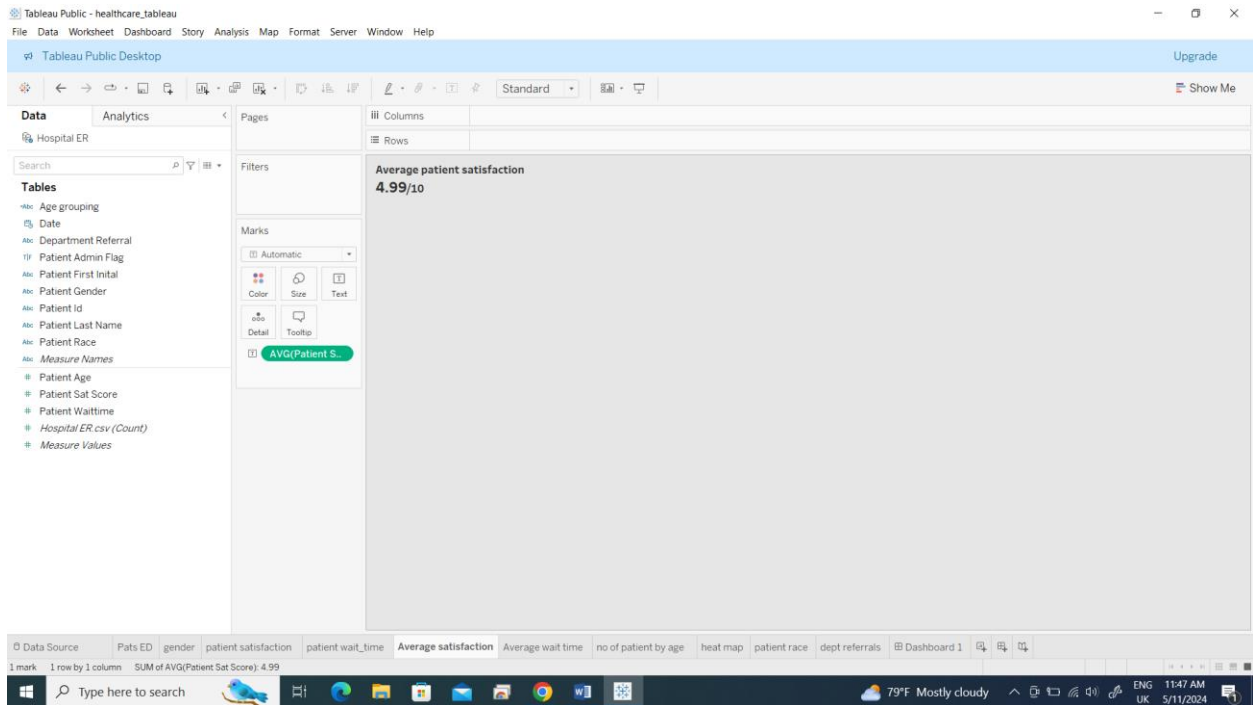
4. Showing patient satisfaction level in line graph



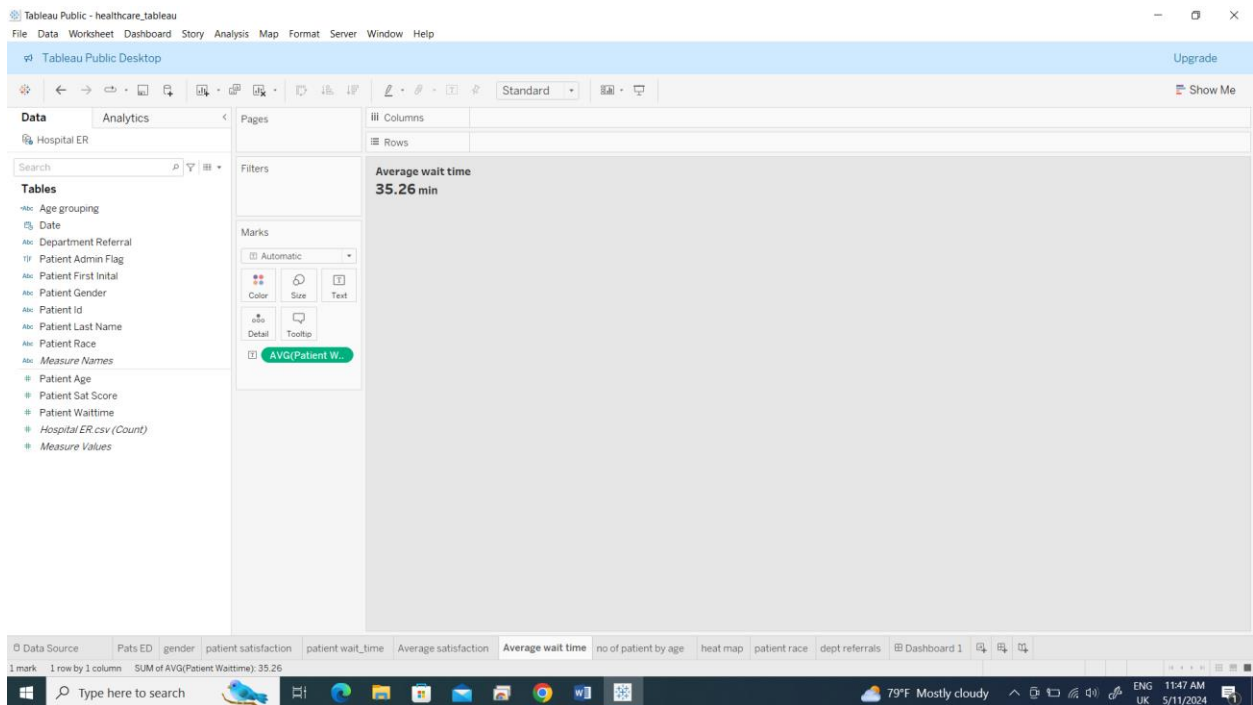
5. Showing patient wait time in line graph



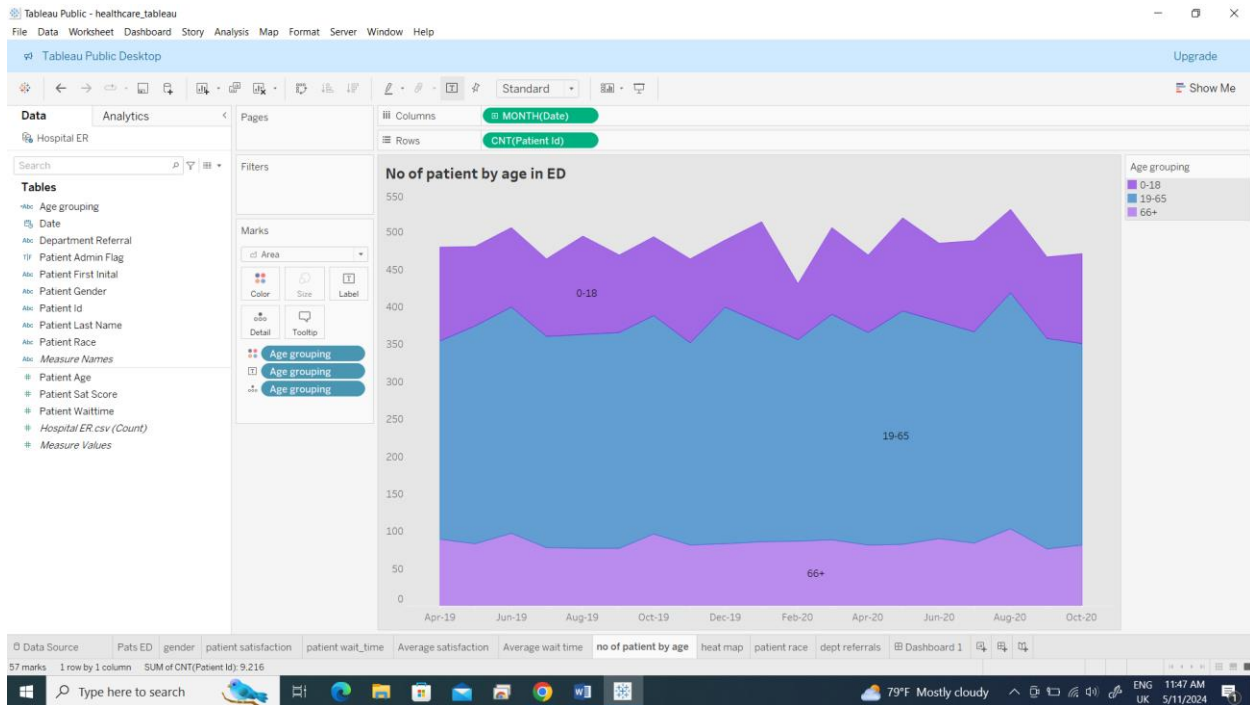
6. Calculating average patient satisfaction.



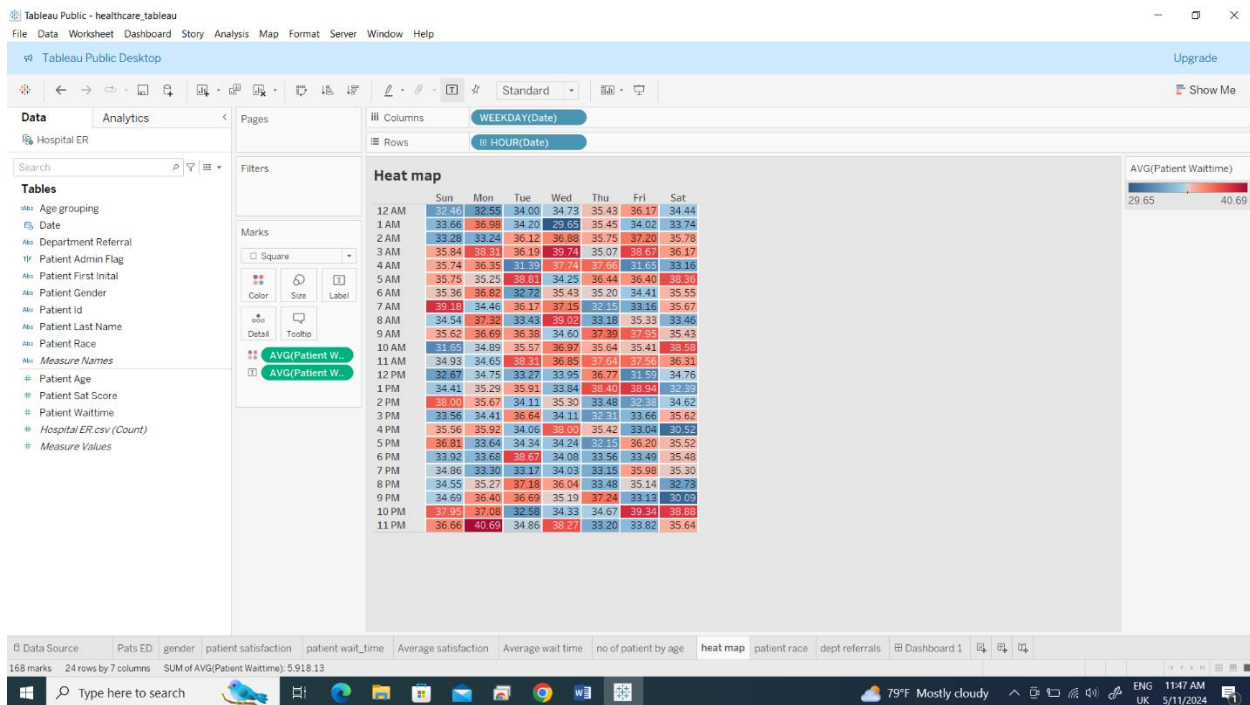
7. Calculating patient average wait time



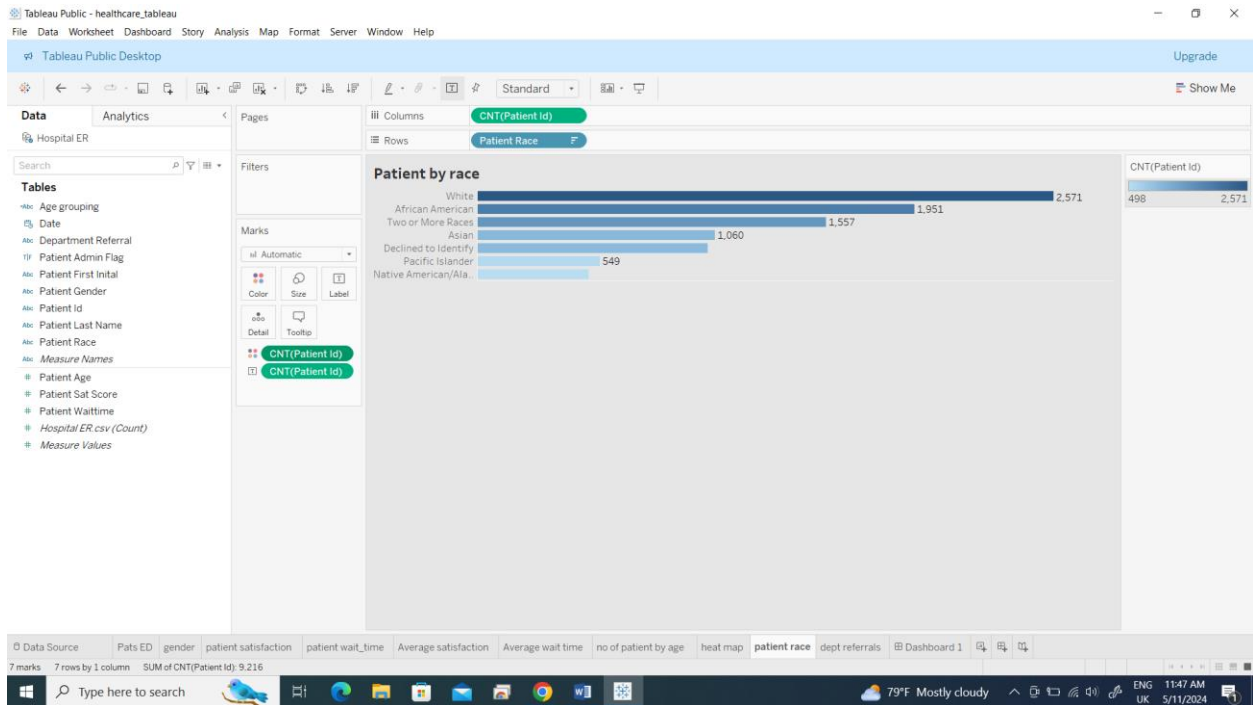
8. Showing no of patient by age group in emergency room using area line graph



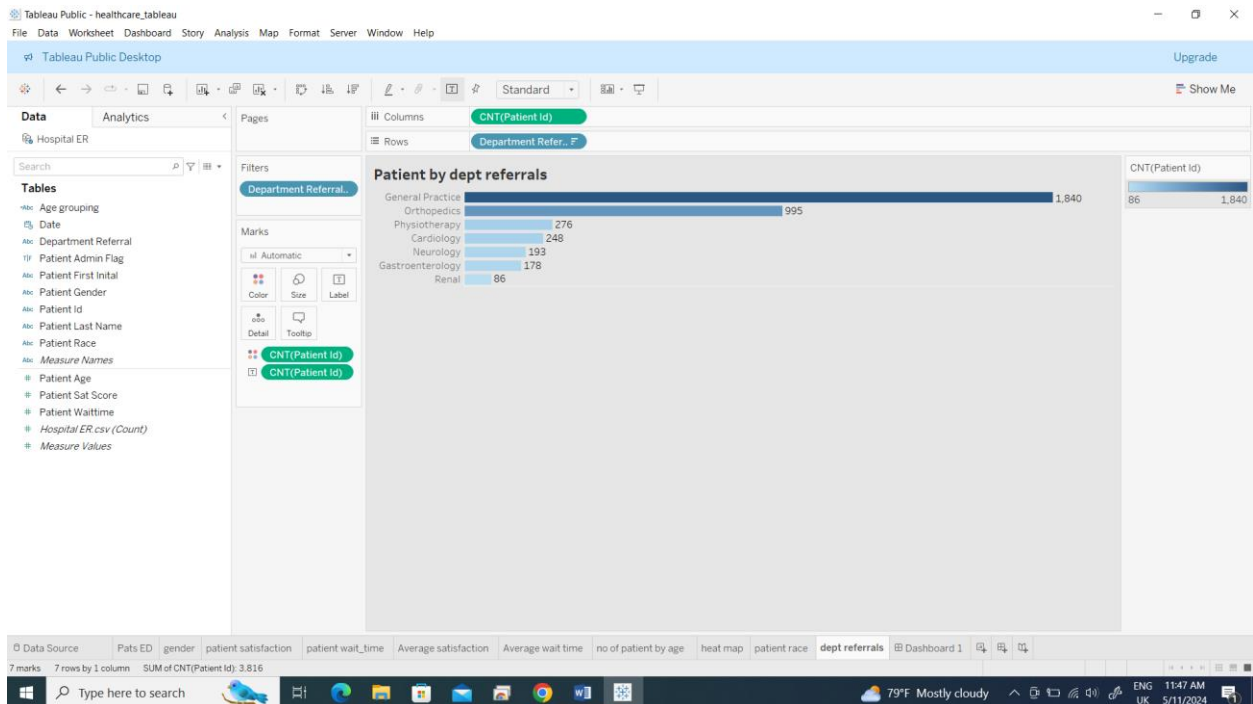
9. Using heat map to show Wait time by patient



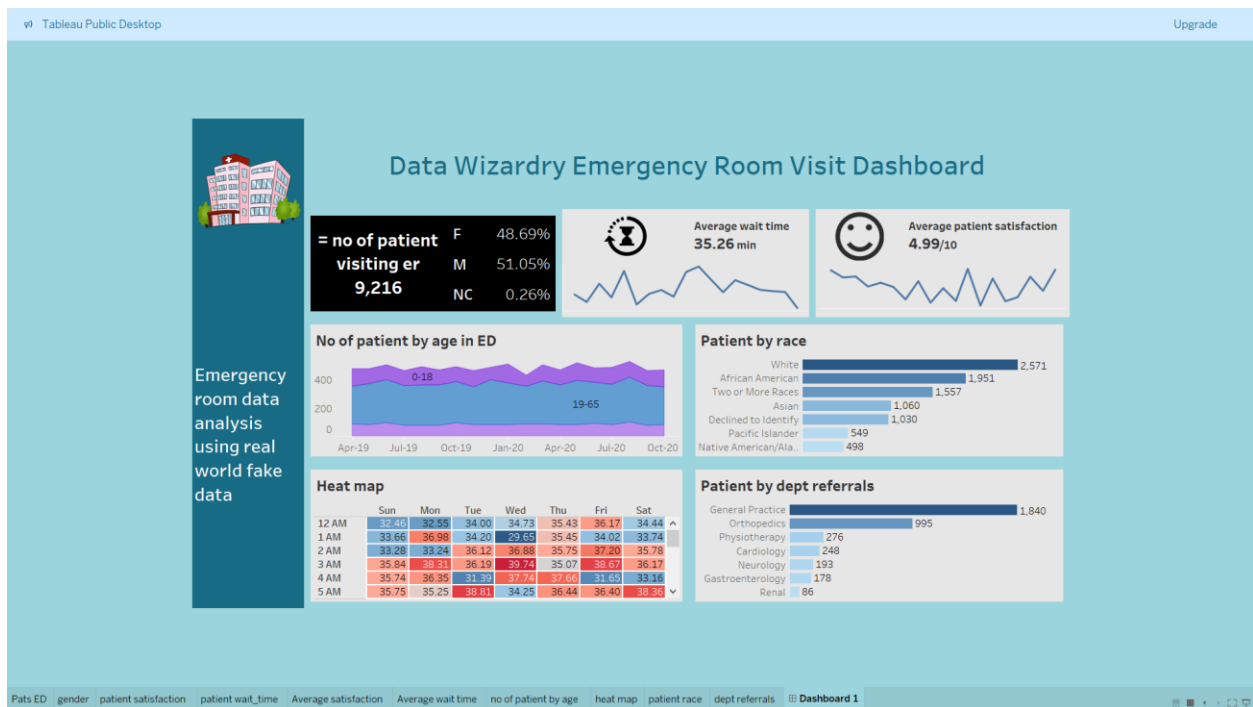
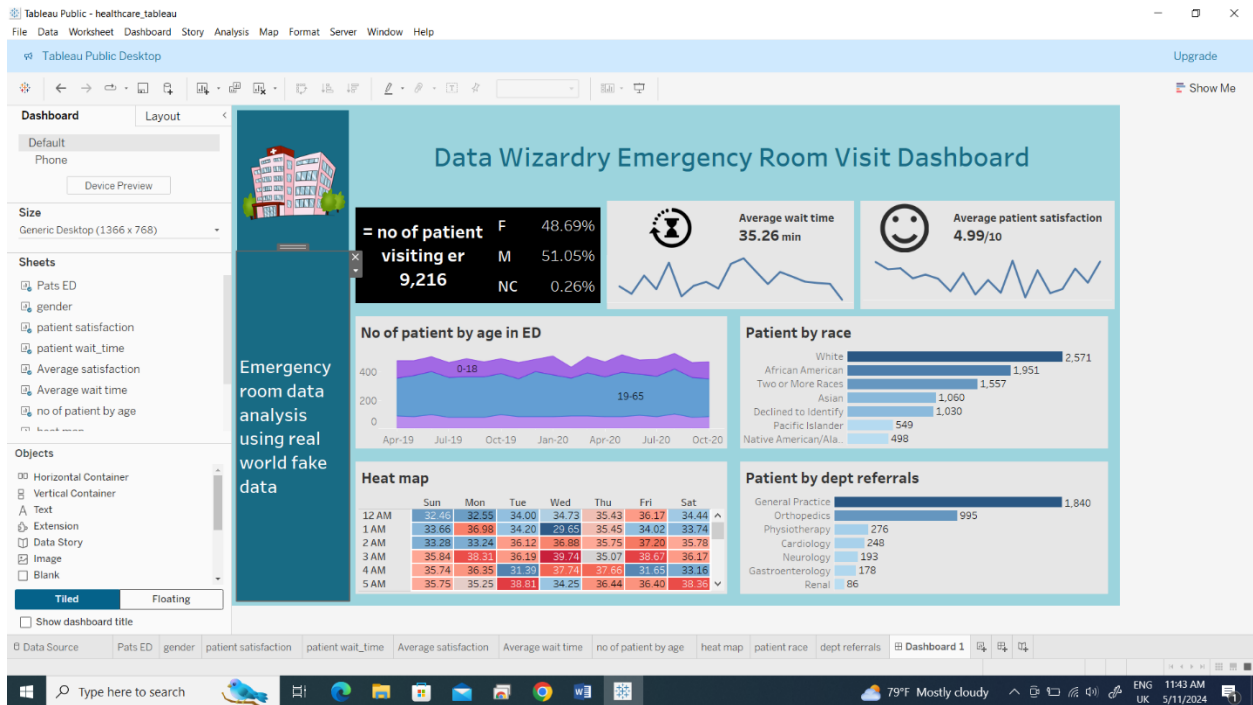
10. Using horizontal bar chat to show no of patient by race



11. Using horizontal bar chat to show no of patient by department referrals



12. Combining all the calculation and charts into dashboard.



Thank you.