Big data visualization:

1.

The highest and lowest regions - North America and Europe(highest), and Asia being the lowest.

2.

The trend for the prevalence of obesity year-wise is going in an upward direction.

Obesity dashboard:

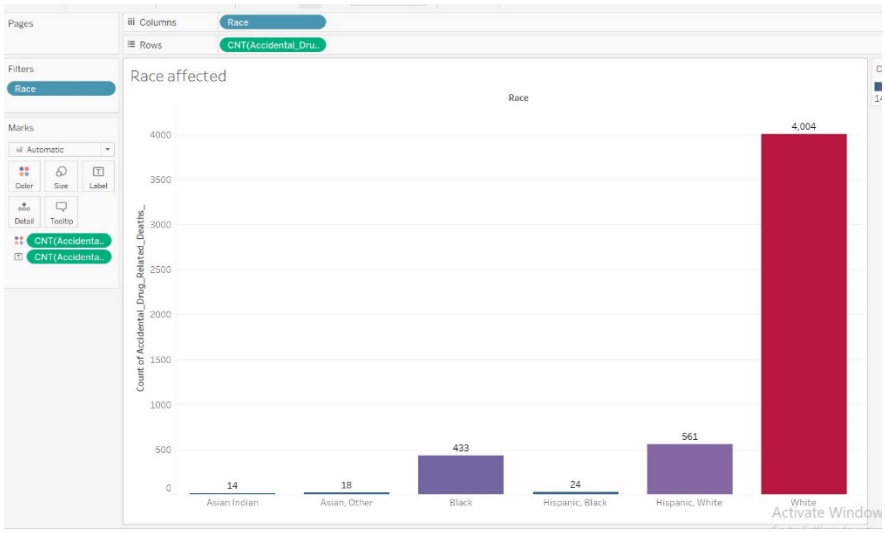
Part 2:

1. I have removed null and unknown values in race for better visualization.

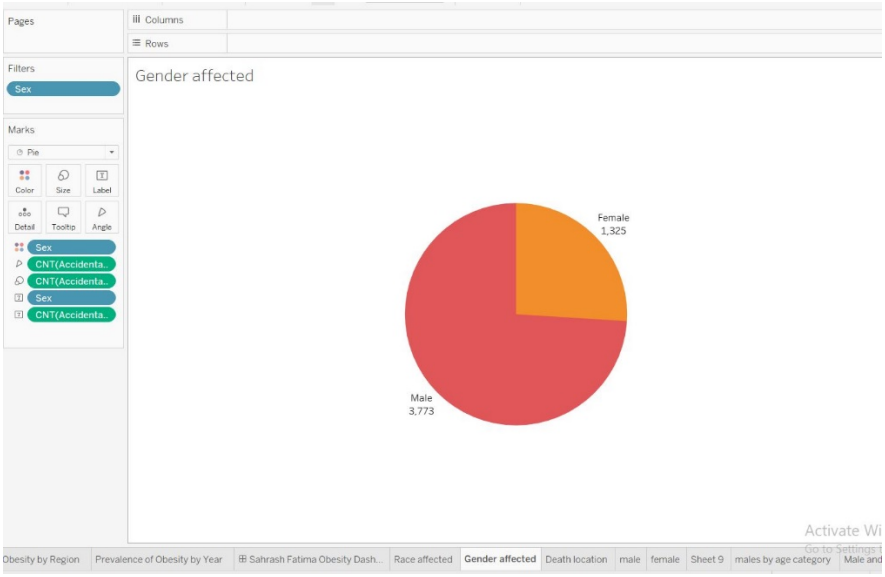
2. For the cause-of-death column, I have grouped the different drugs as opioids and non-opioids.

3. A.

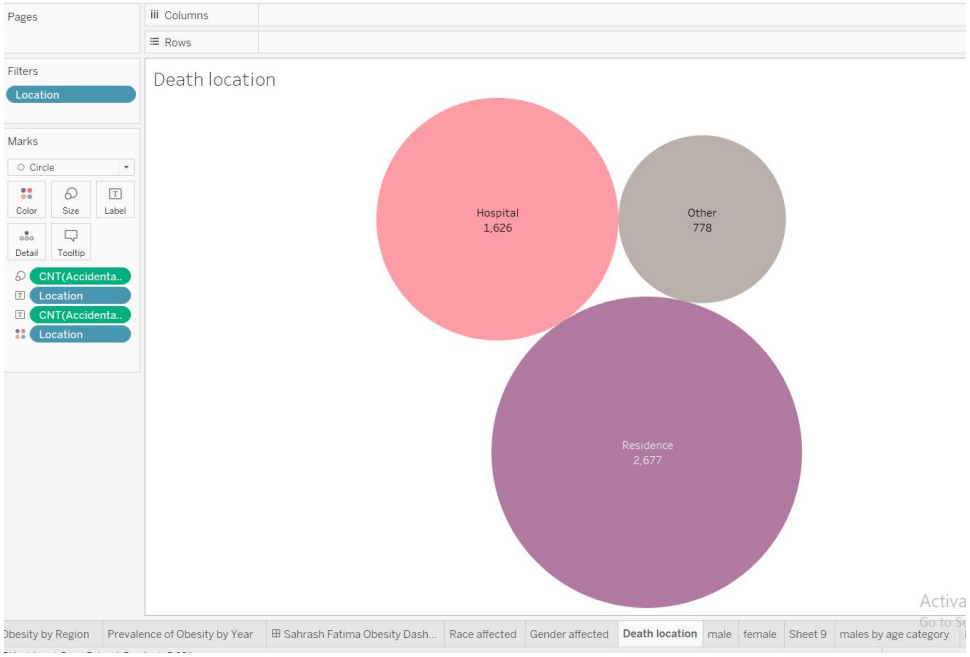
   1. Most races affected were WHITE, Hispanic White, black, Hispanic Black.



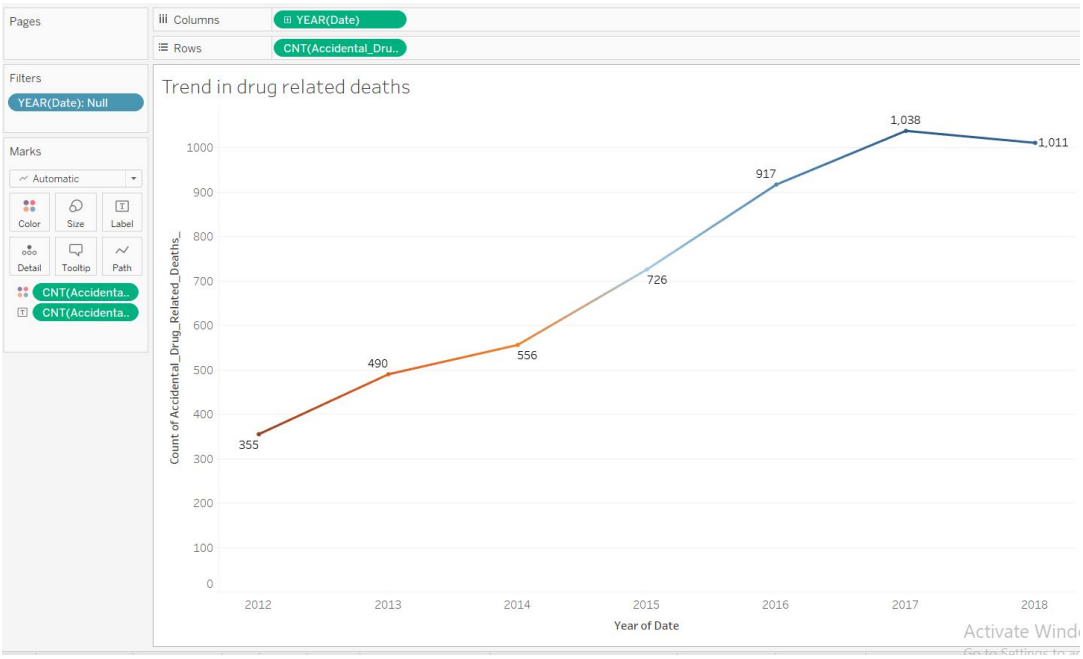
   2. The gender most affected is Male.



3. Most of the deaths occurred in residence.



4. The overall trend in drug-related death yearly was in an upward direction.

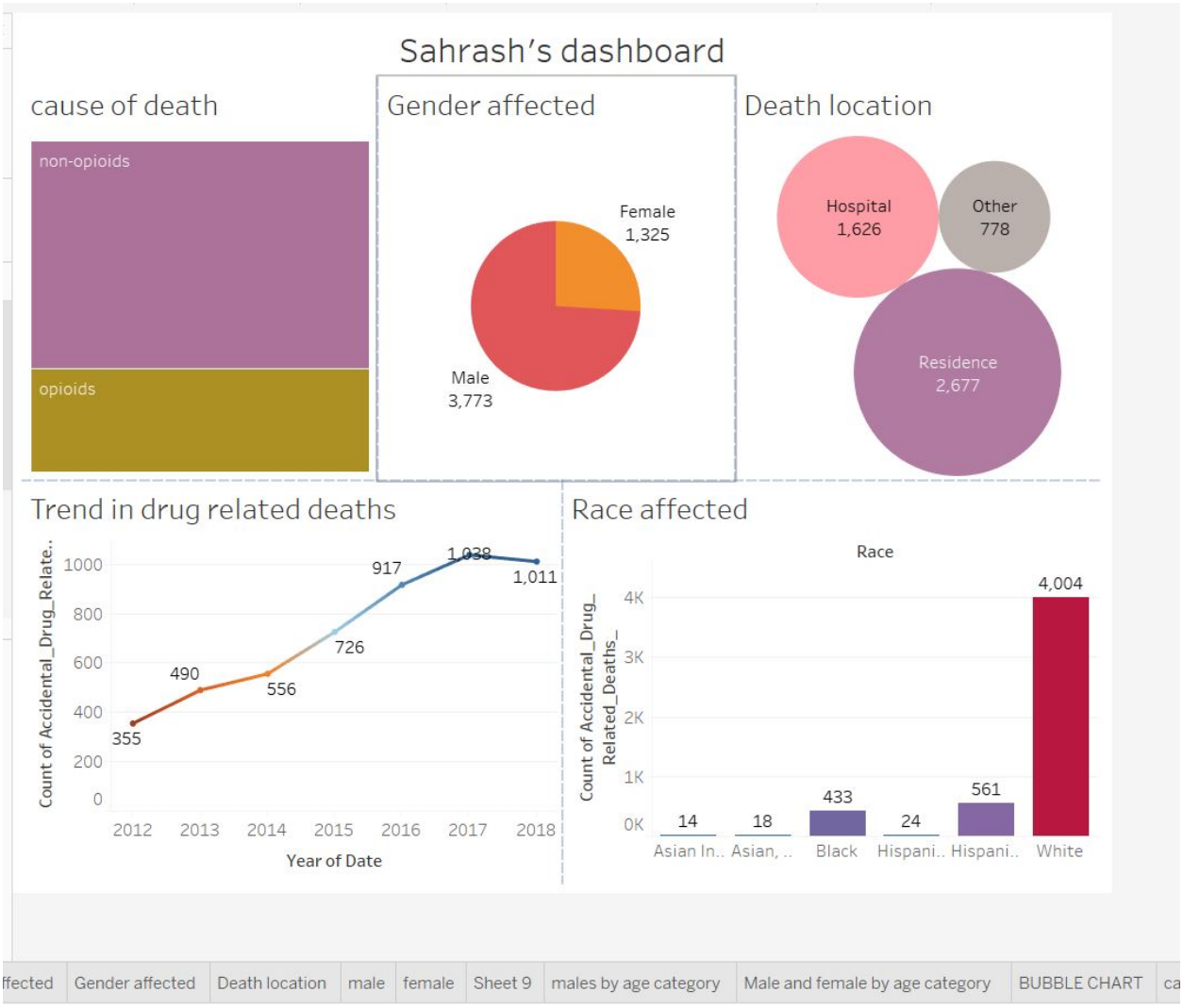


5. The was a need for data cleaning, as in:

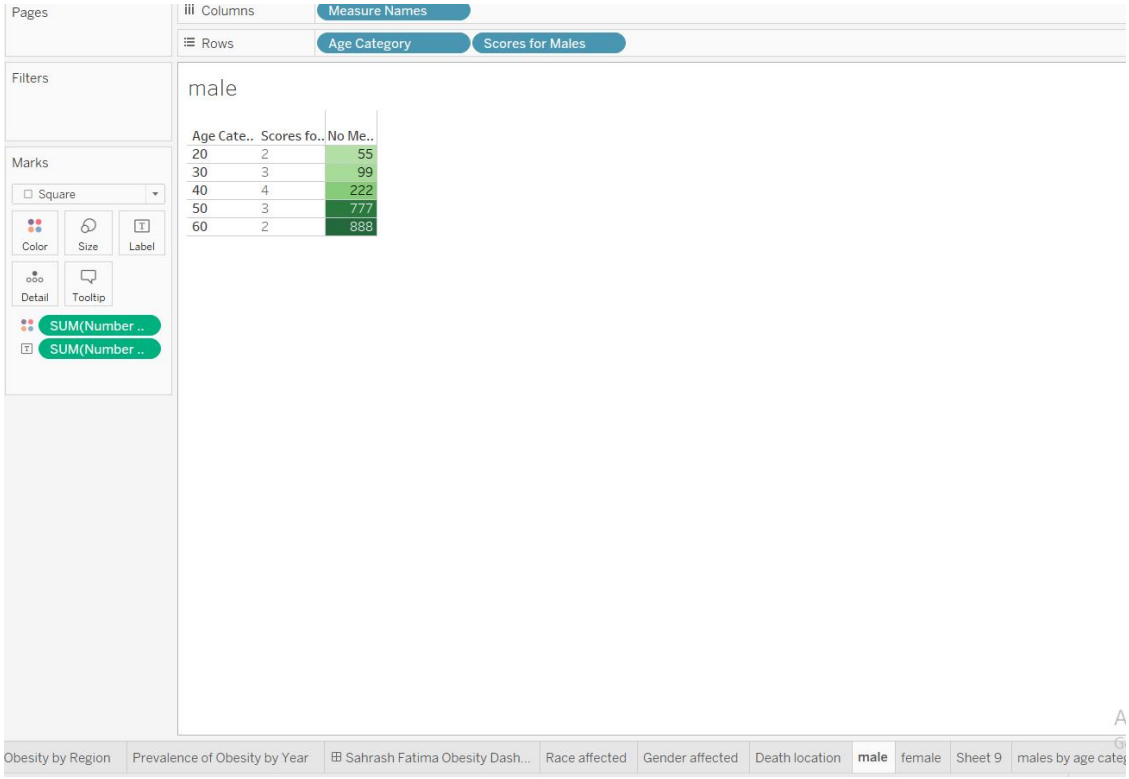
Race- removed null, unknown values.

Cause of death- grouped the drugs for better visualization into two categories: opioids and non-opioids.

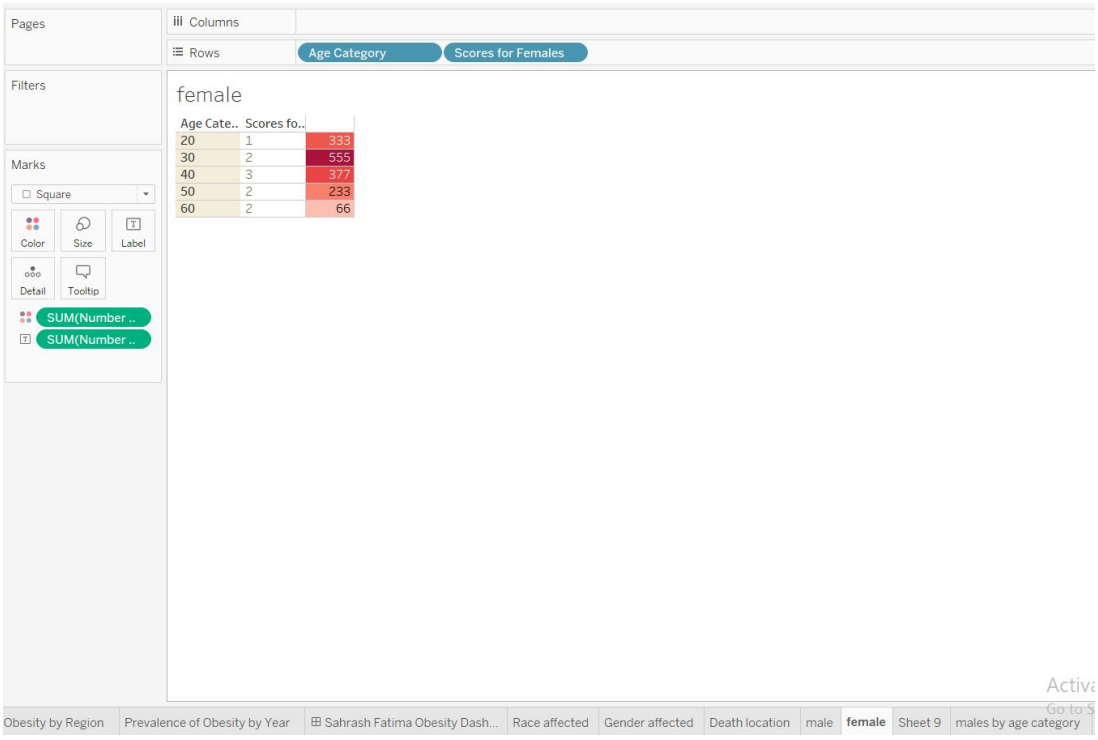
B. Dashboard:


Sahrash's dashboard
cause of death
non-opioids
opioids
Gender affected
Female
1,325
Male
3,773
Death location
Hospital
1,626
Other
778
Residence
2,677
Trend in drug related deaths
Count of Accidental_Drug_Relate..
1000
800
600
400
200
0
355
490
556
726
917
1,038
1,011
2012
2013
2014
2015
2016
2017
2018
Year of Date
Race affected
Race
Count of Accidental_Drug_Related_Deaths_
4K
3K
2K
1K
0K
14
18
433
24
561
4,004
Asian In..
Asian, ..
Black
Hispani..
Hispani..
White
ffected
Gender affected
Death location
male
female
Sheet 9
males by age category
Male and female by age category
BUBBLE CHART
ca

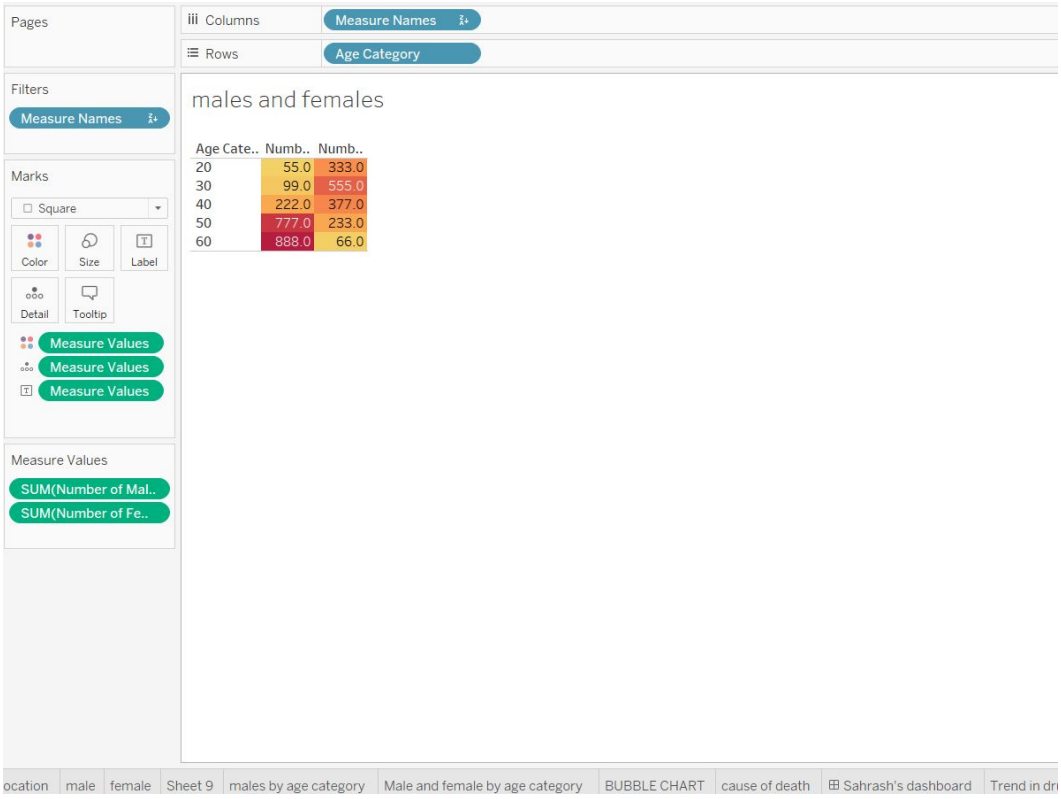
4: Male



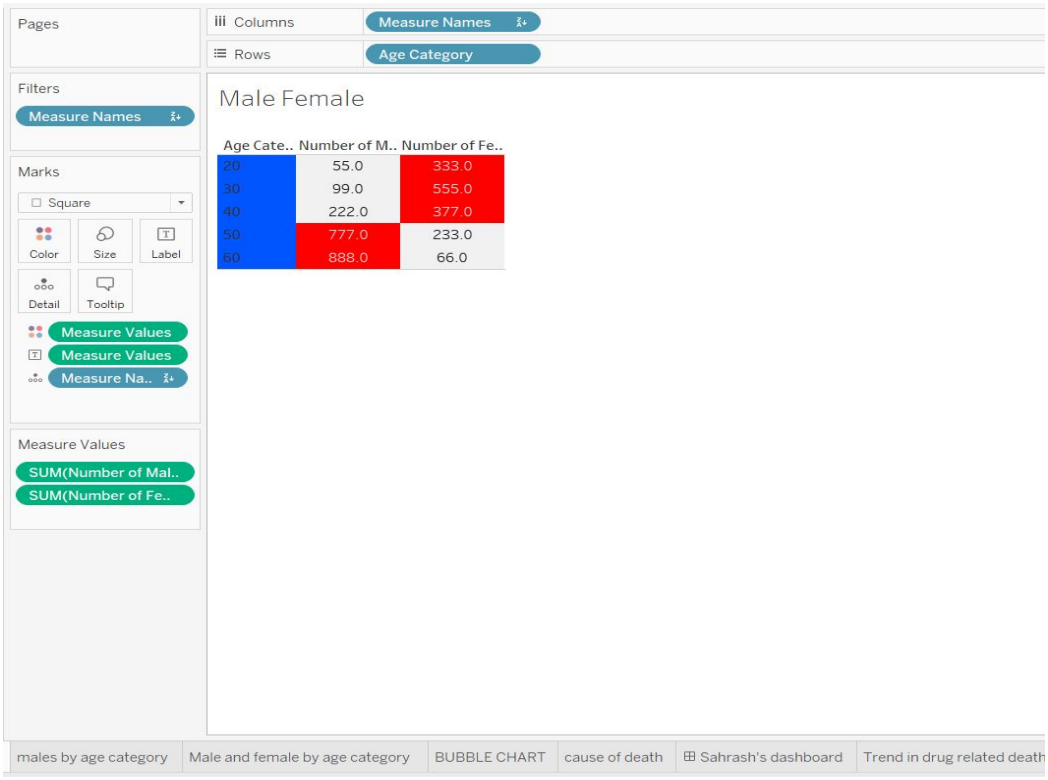
Female:



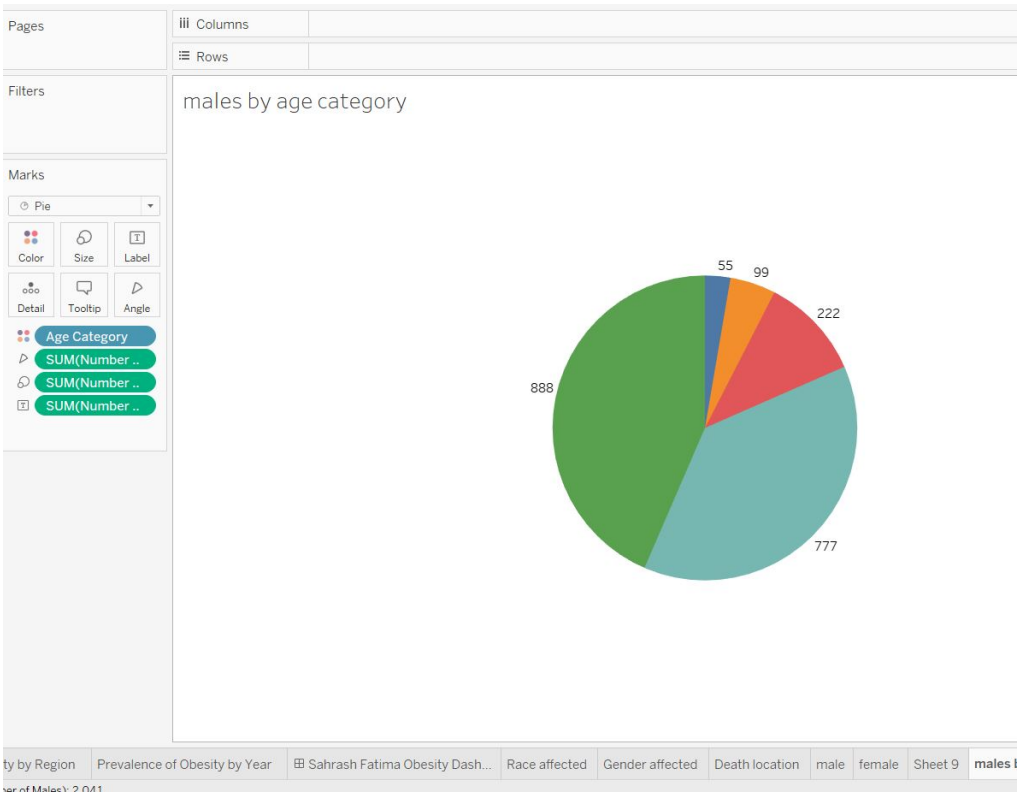
Male and female:



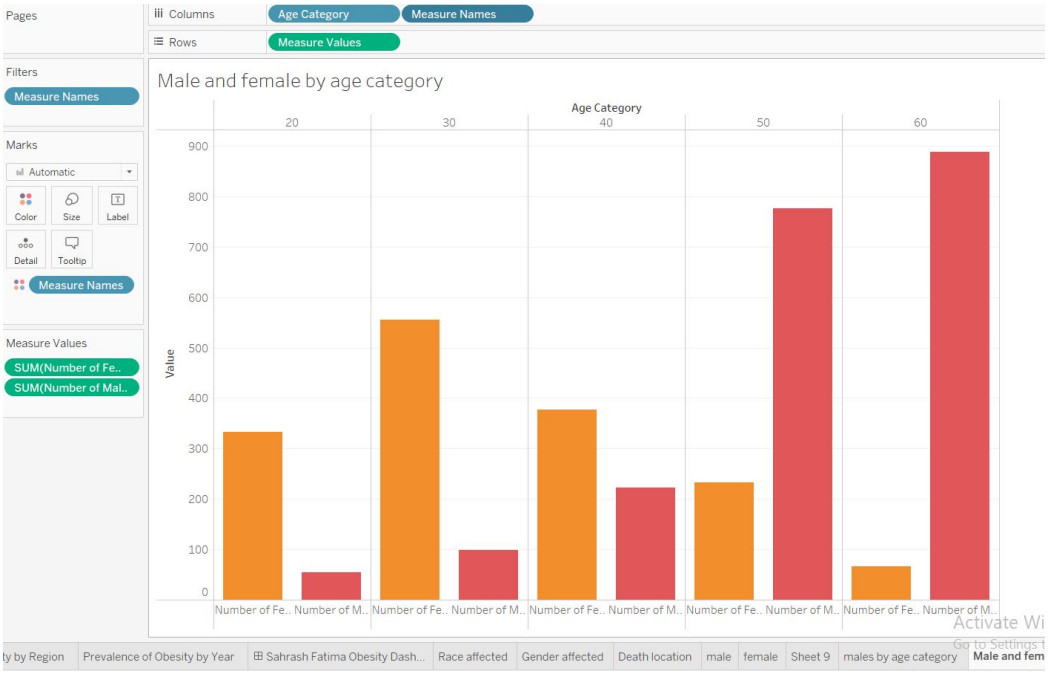
Male and female:



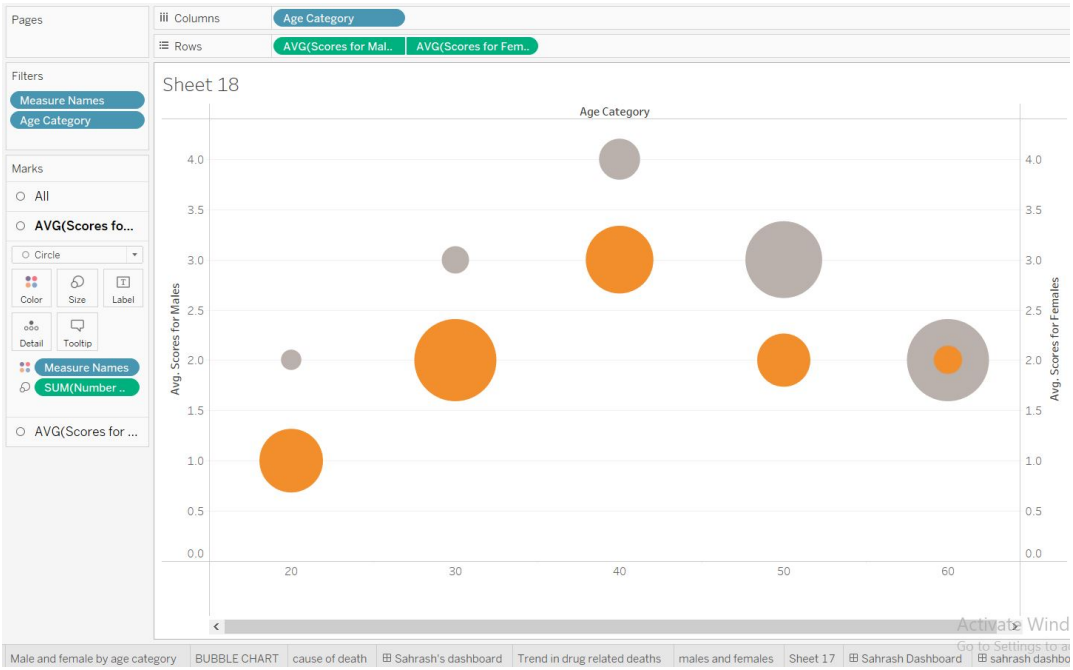
Pie


Pages
Columns
Rows
Filters
males by age category
Marks
Pie
Color
Size
Label
Detail
Tooltip
Angle
Age Category
SUM(Number ..
SUM(Number ..
SUM(Number ..
55
99
222
888
777
ty by Region
Prevalence of Obesity by Year
Sahrash Fatima Obesity Dash...
Race affected
Gender affected
Death location
male
female
Sheet 9
males b

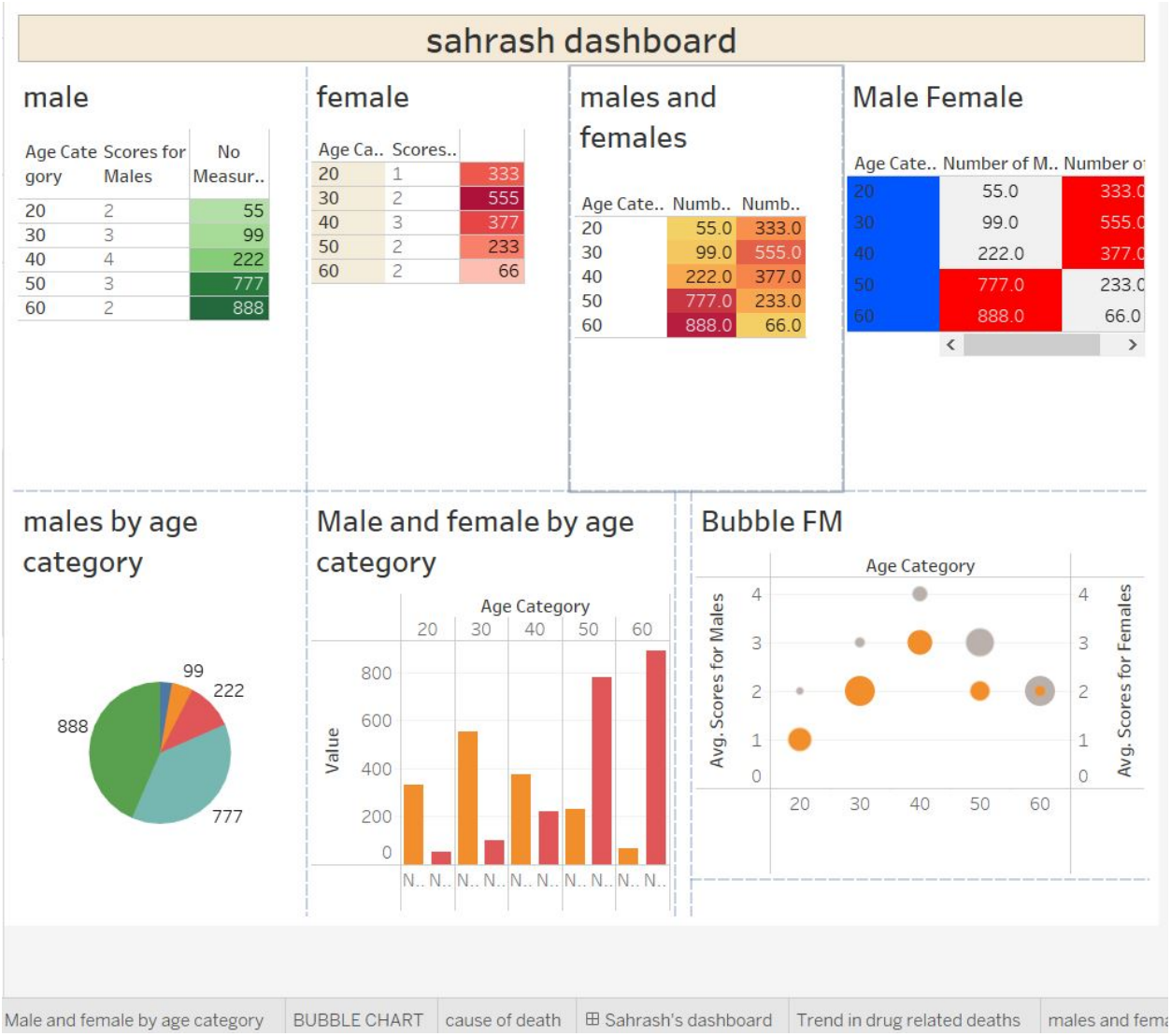
Column:



Bubble:



DashBoard:


sahrash dashboard
male
Age Category
Scores for Males
No Measur..
20 2 55
30 3 99
40 4 222
50 3 777
60 2 888
female
Age Ca..
Scores..
20 1 333
30 2 555
40 3 377
50 2 233
60 2 66
males and females
Age Cate..
Numb..
Numb..
20 55.0 333.0
30 99.0 555.0
40 222.0 377.0
50 777.0 233.0
60 888.0 66.0
Male Female
Age Cate..
Number of M..
20 55.0
30 99.0
40 222.0
50 777.0
60 888.0
males by age category
99
222
888
777
Male and female by age category
Age Category
20 30 40 50 60
Value
800 600 400 200 0
Bubble FM
Age Category
Avg. Scores for Males
Avg. Scores for Females
4 3 2 1 0
20 30 40 50 60
Male and female by age category
BUBBLE CHART
cause of death
Sahrash's dashboard
Trend in drug related deaths
males and fema