Q.1

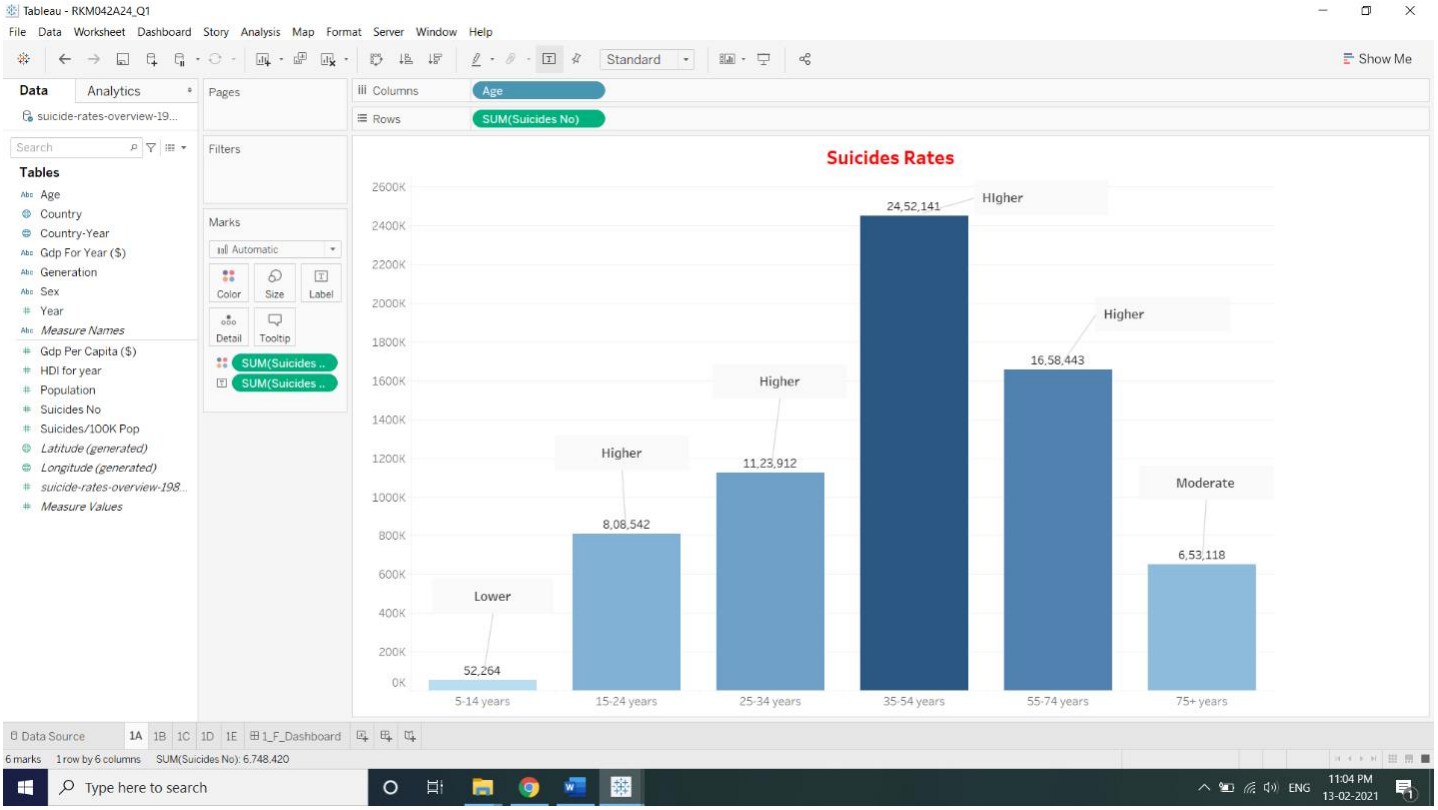


Tableau - RKM042A24_Q1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
suicide-rates-overview-19...
Search
Tables
Age
Country
Country-Year
Gdp For Year ($)
Generation
Sex
Year
Measure Names
Gdp Per Capita ($)
HDI for year
Population
Suicides No
Suicides/100K Pop
Latitude (generated)
Longitude (generated)
suicide-rates-overview-198...
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Suicides ..
SUM(Suicides ..
Columns
Age
Rows
SUM(Suicides No)
Suicides Rates
2600K
2400K
2200K
2000K
1800K
1600K
1400K
1200K
1000K
800K
600K
400K
200K
0K
Lower
52,264
5-14 years
Higher
8,08,542
15-24 years
Higher
11,23,912
25-34 years
HIgher
24,52,141
35-54 years
Higher
16,58,443
55-74 years
Moderate
6,53,118
75+ years
Data Source
1A 1B 1C 1D 1E 1_F_Dashboard
6 marks
1 row by 6 columns
SUM(Suicides No): 6,748,420
Type here to search
ENG
11:04 PM
13-02-2021

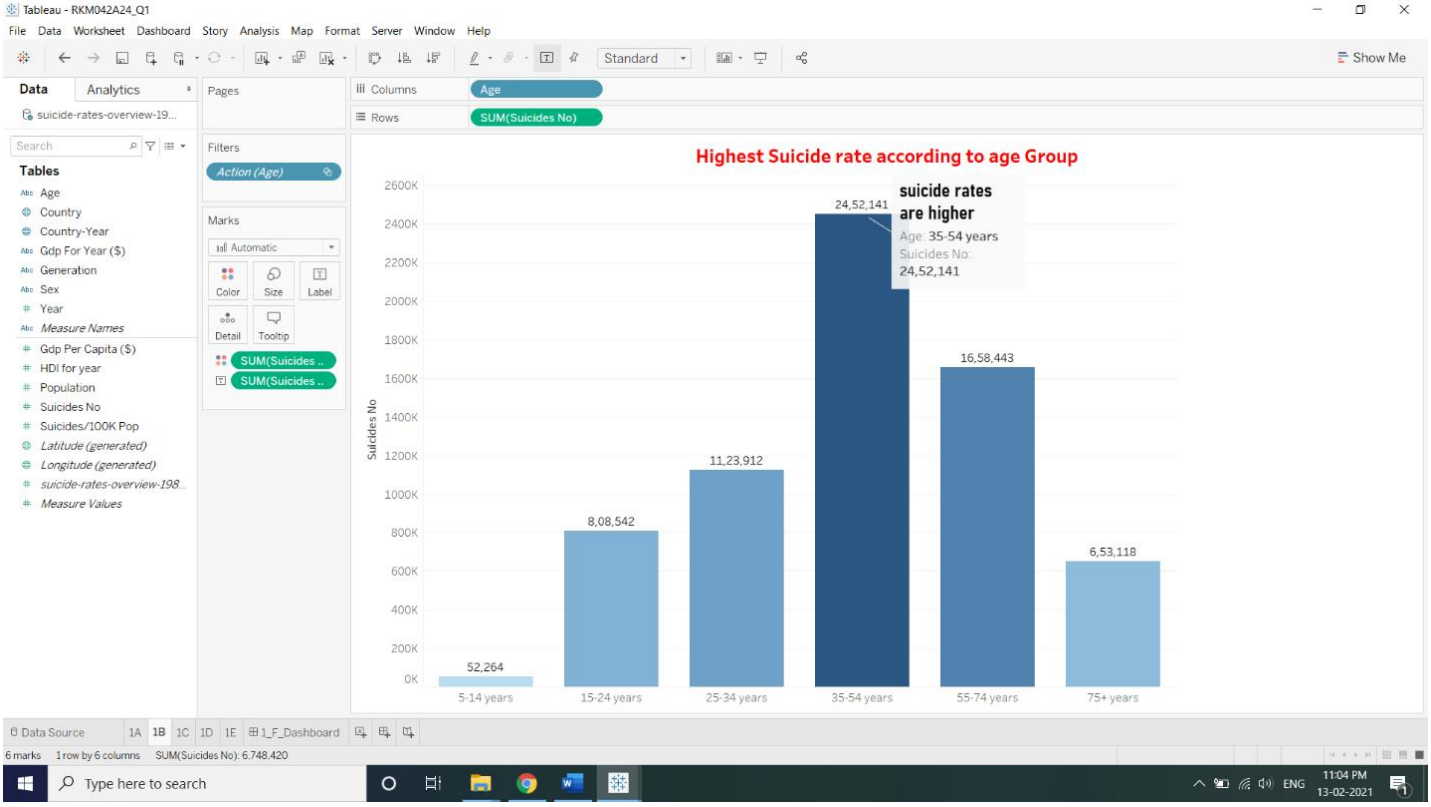


Tableau - RKM042A24_Q1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
suicide-rates-overview-19...
Tables
Age
Country
Country-Year
Gdp For Year ($)
Generation
Sex
Year
Measure Names
Gdp Per Capita ($)
HDI for year
Population
Suicides No
Suicides/100K Pop
Latitude (generated)
Longitude (generated)
suicide-rates-overview-198...
Measure Values
Pages
Filters
Action (Age)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Suicides ..
SUM(Suicides ..
Columns
Age
Rows
SUM(Suicides No)
Highest Suicide rate according to age Group
suicide rates are higher
Age: 35-54 years
Suicides No: 24,52,141
Suicides No
52,264
8,08,542
11,23,912
24,52,141
16,58,443
6,53,118
5-14 years
15-24 years
25-34 years
35-54 years
55-74 years
75+ years
Data Source
1A 1B 1C 1D 1E 1_F_Dashboard
6 marks 1 row by 6 columns SUM(Suicides No): 6,748,420
Type here to search
ENG
11:04 PM
13-02-2021

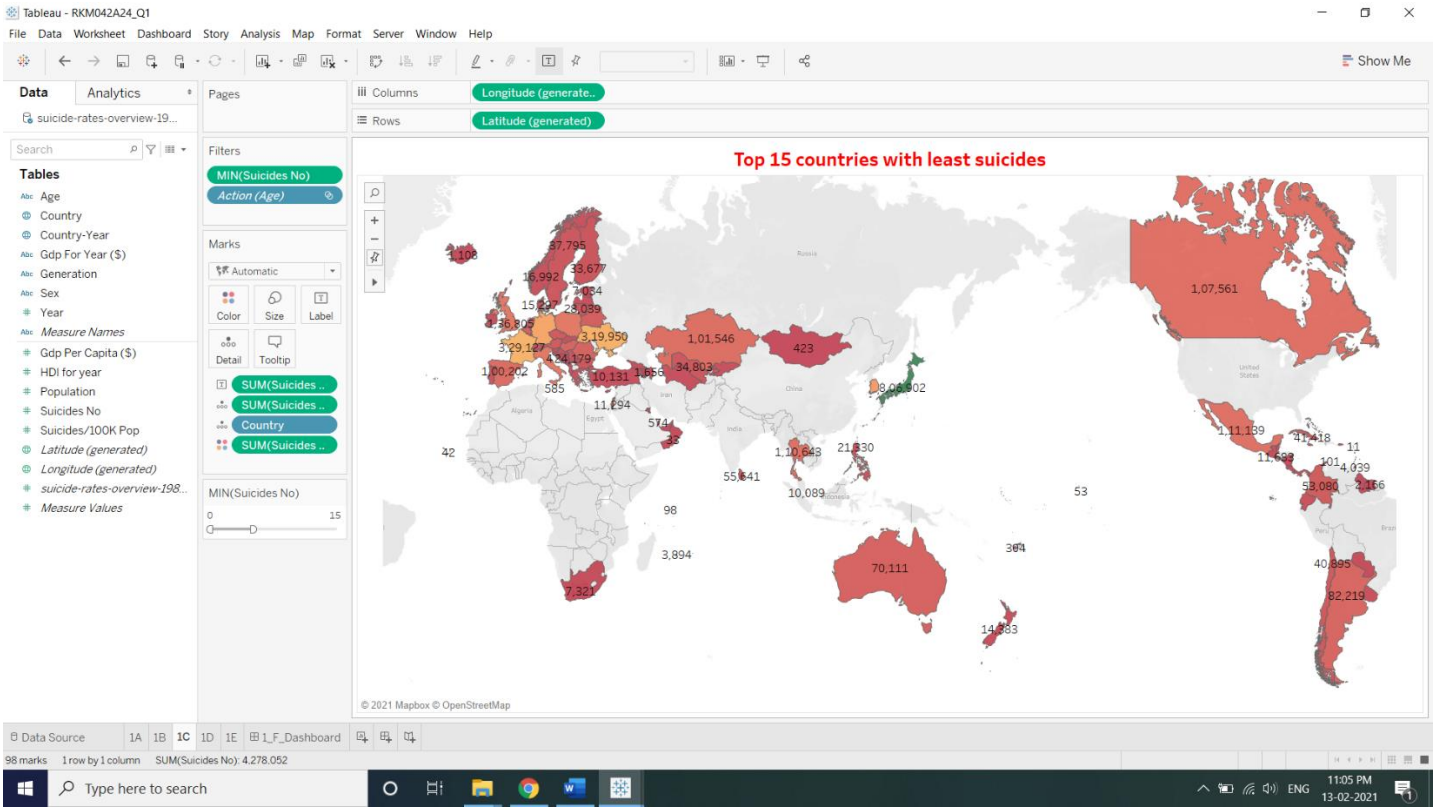


Tableau - RKM042A24_Q1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
suicide-rates-overview-19...
Tables
Age
Country
Country-Year
Gdp For Year ($)
Generation
Sex
Year
Measure Names
Gdp Per Capita ($)
HDI for year
Population
Suicides No
Suicides/100K Pop
Latitude (generated)
Longitude (generated)
suicide-rates-overview-198...
Measure Values
Pages
Filters
MIN(Suicides No)
Action (Age)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Suicides ..
SUM(Suicides ..
Country
SUM(Suicides ..
MIN(Suicides No)
0
15
Columns
Longitude (generate..
Rows
Latitude (generated)
Top 15 countries with least suicides
1,07,561
1,01,546
423
34,803
70,111
© 2021 Mapbox © OpenStreetMap
Data Source
1A 1B 1C 1D 1E 1_F_Dashboard
98 marks 1 row by 1 column SUM(Suicides No): 4,278,052
Type here to search
ENG
11:05 PM
13-02-2021

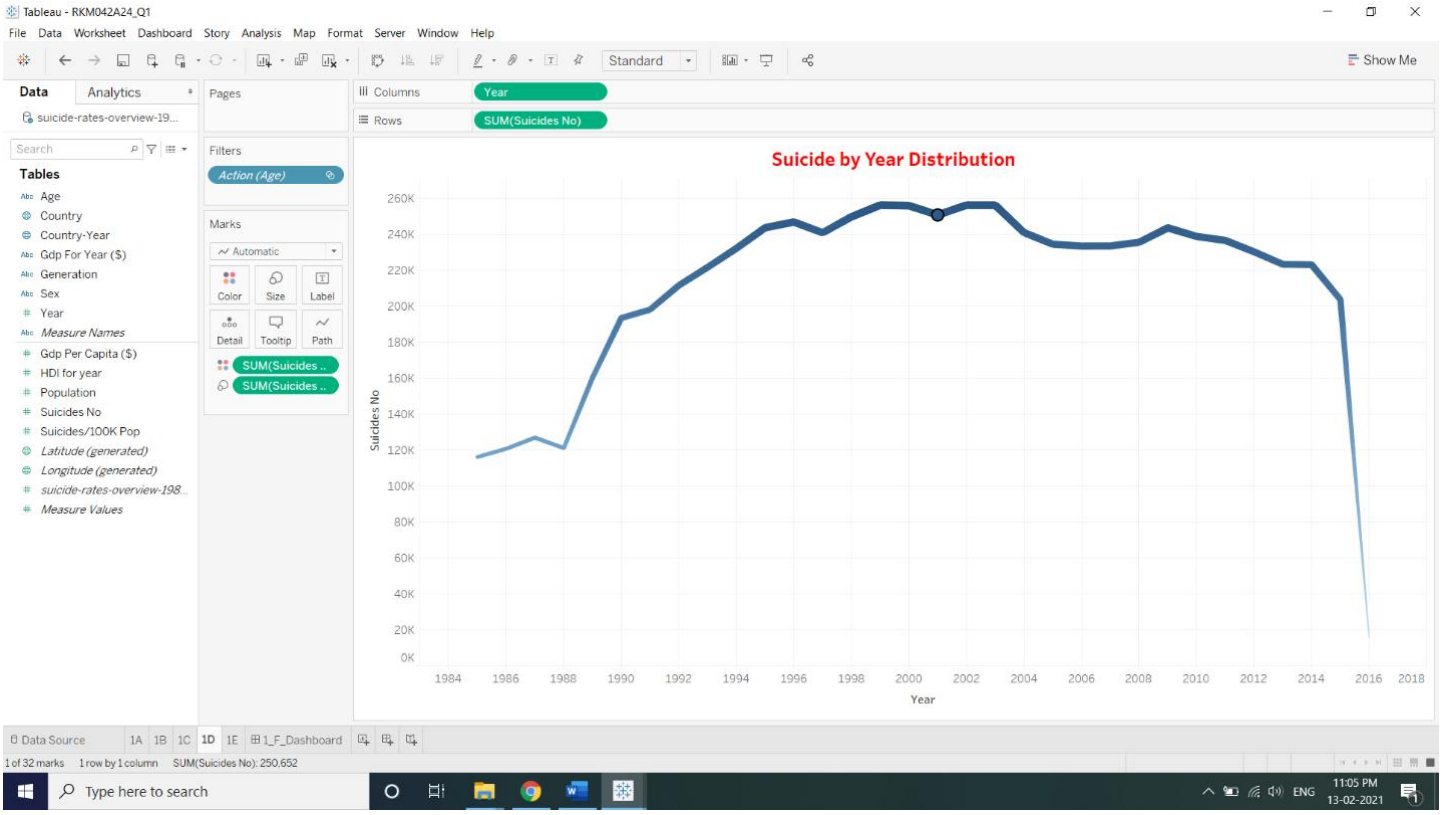


Tableau - RKM042A24_Q1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
suicide-rates-overview-19...
Search
Tables
Age
Country
Country-Year
Gdp For Year ($)
Generation
Sex
Year
Measure Names
Gdp Per Capita ($)
HDI for year
Population
Suicides No
Suicides/100K Pop
Latitude (generated)
Longitude (generated)
suicide-rates-overview-198...
Measure Values
Pages
Filters
Action (Age)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Path
SUM(Suicides ..
SUM(Suicides ..
Columns
Year
Rows
SUM(Suicides No)
Suicide by Year Distribution
Suicides No
260K
240K
220K
200K
180K
160K
140K
120K
100K
80K
60K
40K
20K
0K
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016
2018
Year
Data Source
1A 1B 1C 1D 1E
1_F_Dashboard
1 of 32 marks
1 row by 1 column
SUM(Suicides No): 250,652
Type here to search
ENG
11:05 PM
13-02-2021

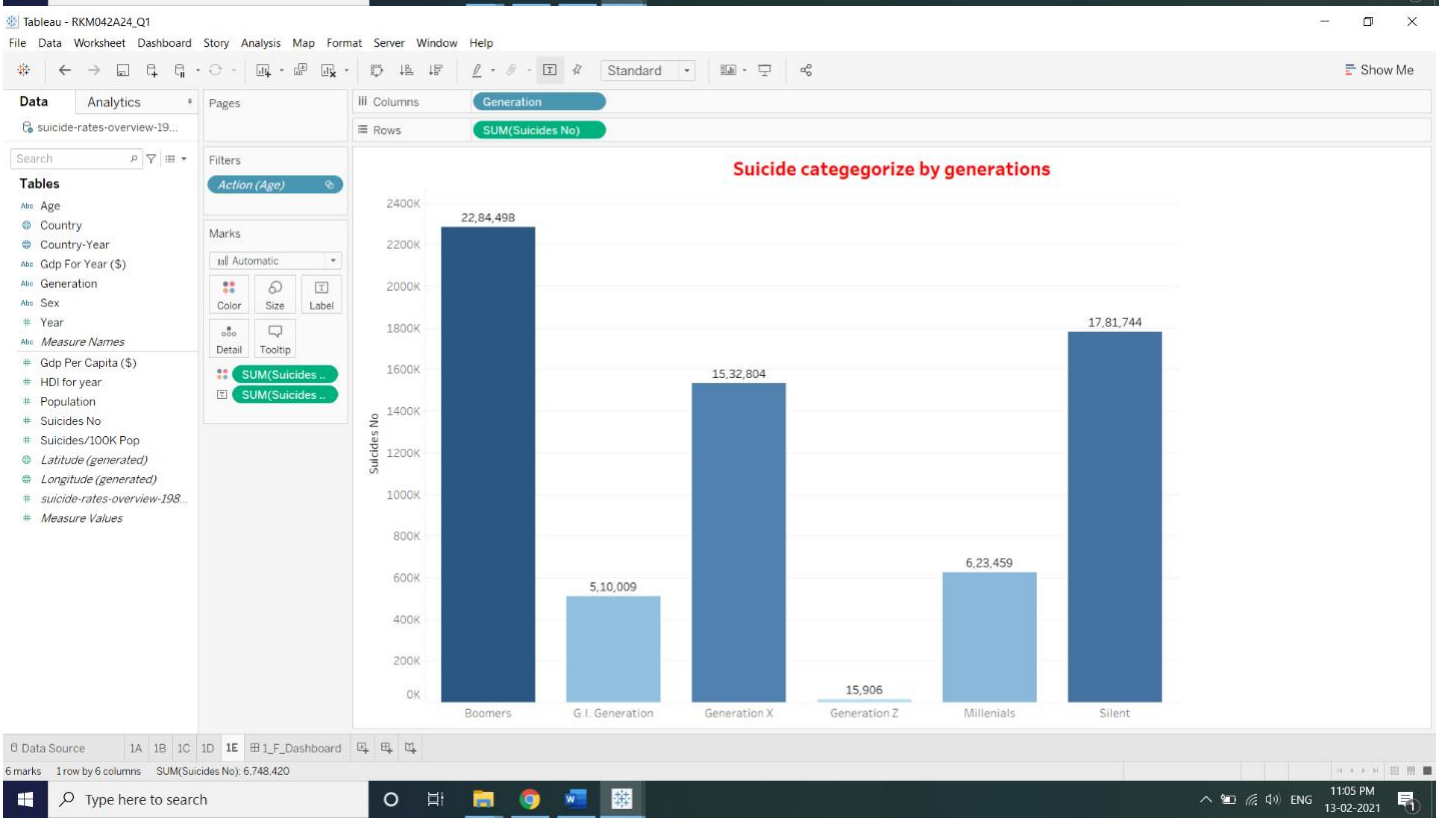
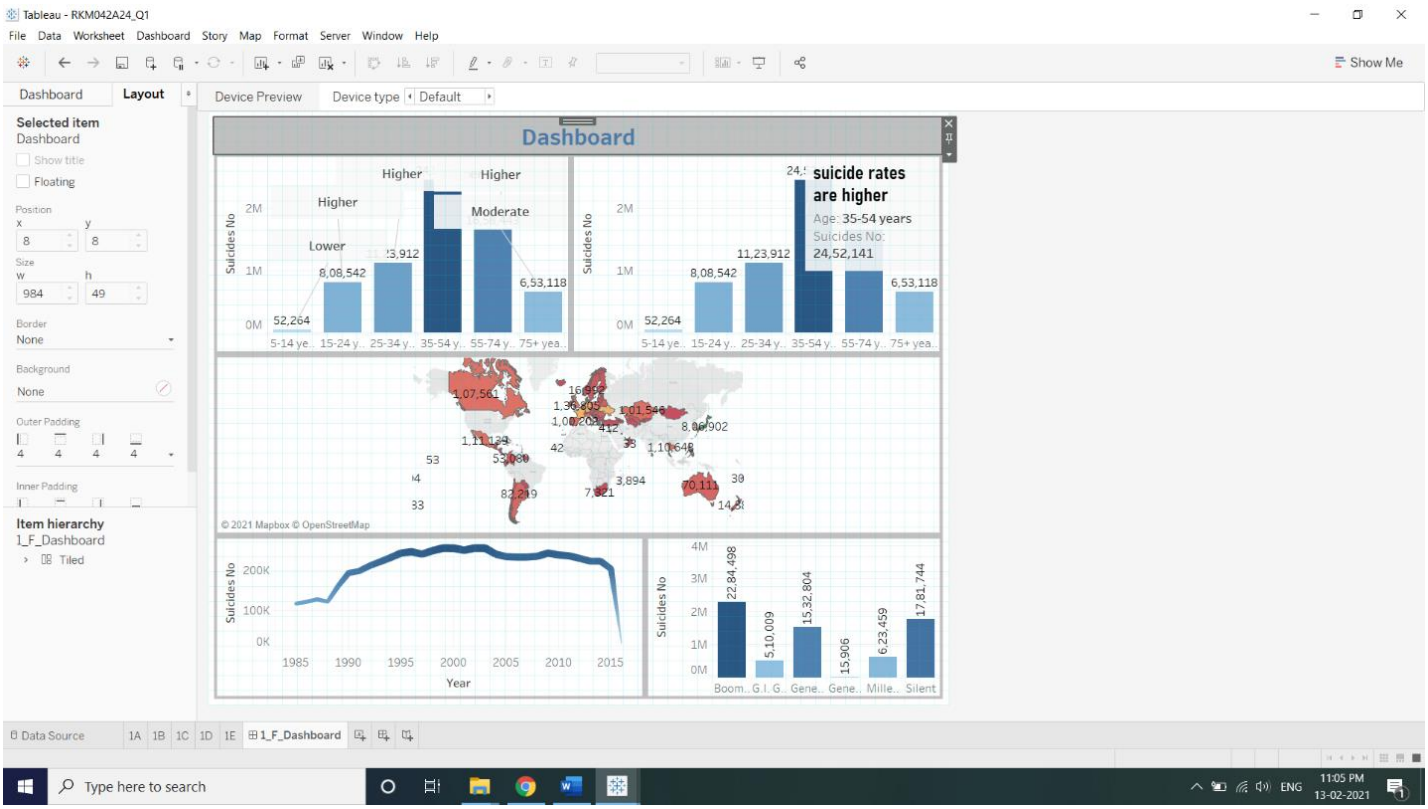
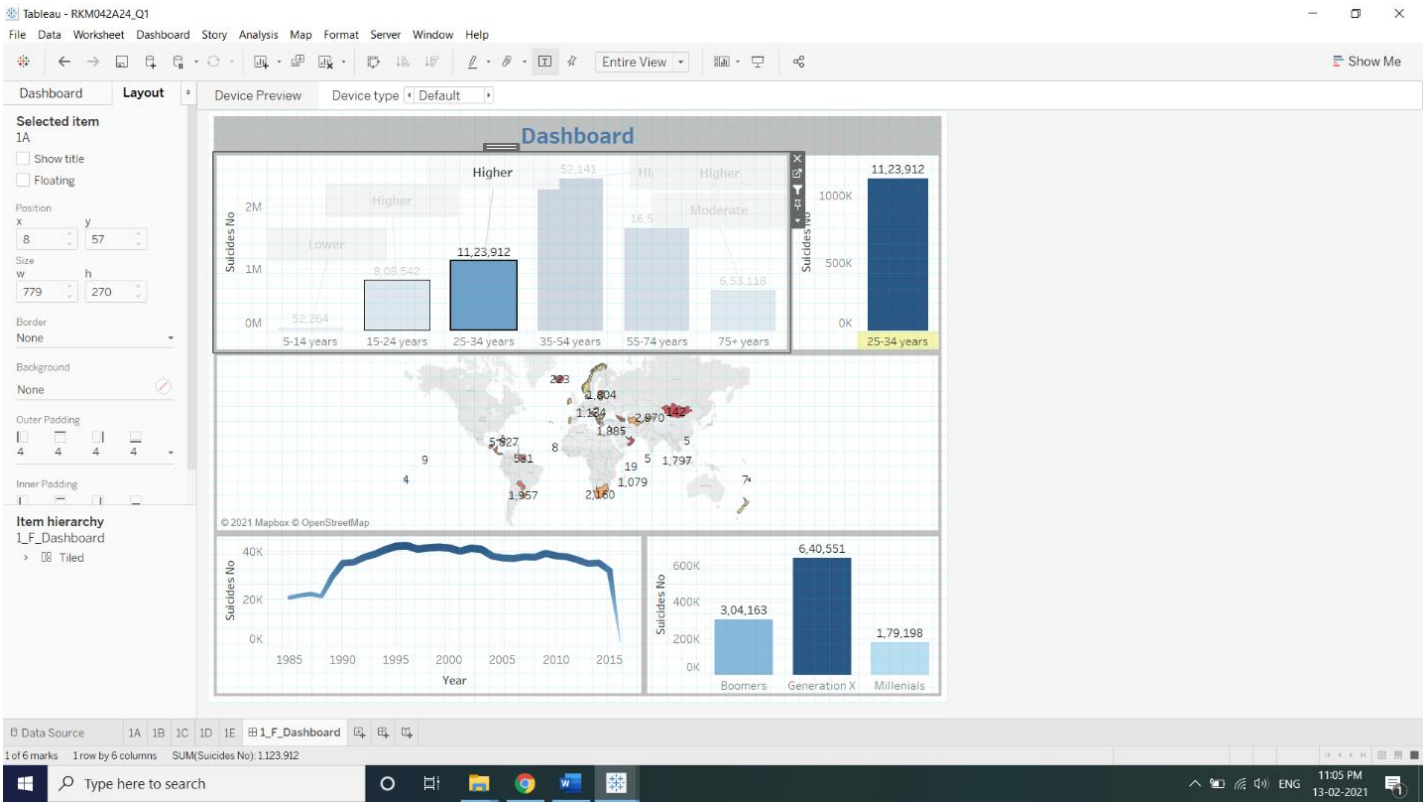


Tableau - RKM042A24_Q1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
suicide-rates-overview-19...
Search
Tables
Age
Country
Country-Year
Gdp For Year ($)
Generation
Sex
Year
Measure Names
Gdp Per Capita ($)
HDI for year
Population
Suicides No
Suicides/100K Pop
Latitude (generated)
Longitude (generated)
suicide-rates-overview-198...
Measure Values
Pages
Filters
Action (Age)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Suicides ..
SUM(Suicides ..
Columns
Generation
Rows
SUM(Suicides No)
Suicide categegorize by generations
Suicides No
2400K
2200K
2000K
1800K
1600K
1400K
1200K
1000K
800K
600K
400K
200K
0K
22,84,498
5,10,009
15,32,804
15,906
6,23,459
17,81,744
Boomers
G.I. Generation
Generation X
Generation Z
Millenials
Silent
Data Source
1A 1B 1C 1D 1E
1_F_Dashboard
6 marks
1 row by 6 columns
SUM(Suicides No): 6,748,420
Type here to search
ENG
11:05 PM
13-02-2021





In Q.1, I have use annotate marks in 1A and in 1B, and applied filters using index() function in Calculated field, selecting range from 1 to 15 to get top most countries with least suicides.

For Dashboard, I have add action of filters to 1A as source and all other except 1A as a destination on select of 1A fields.

Q.2

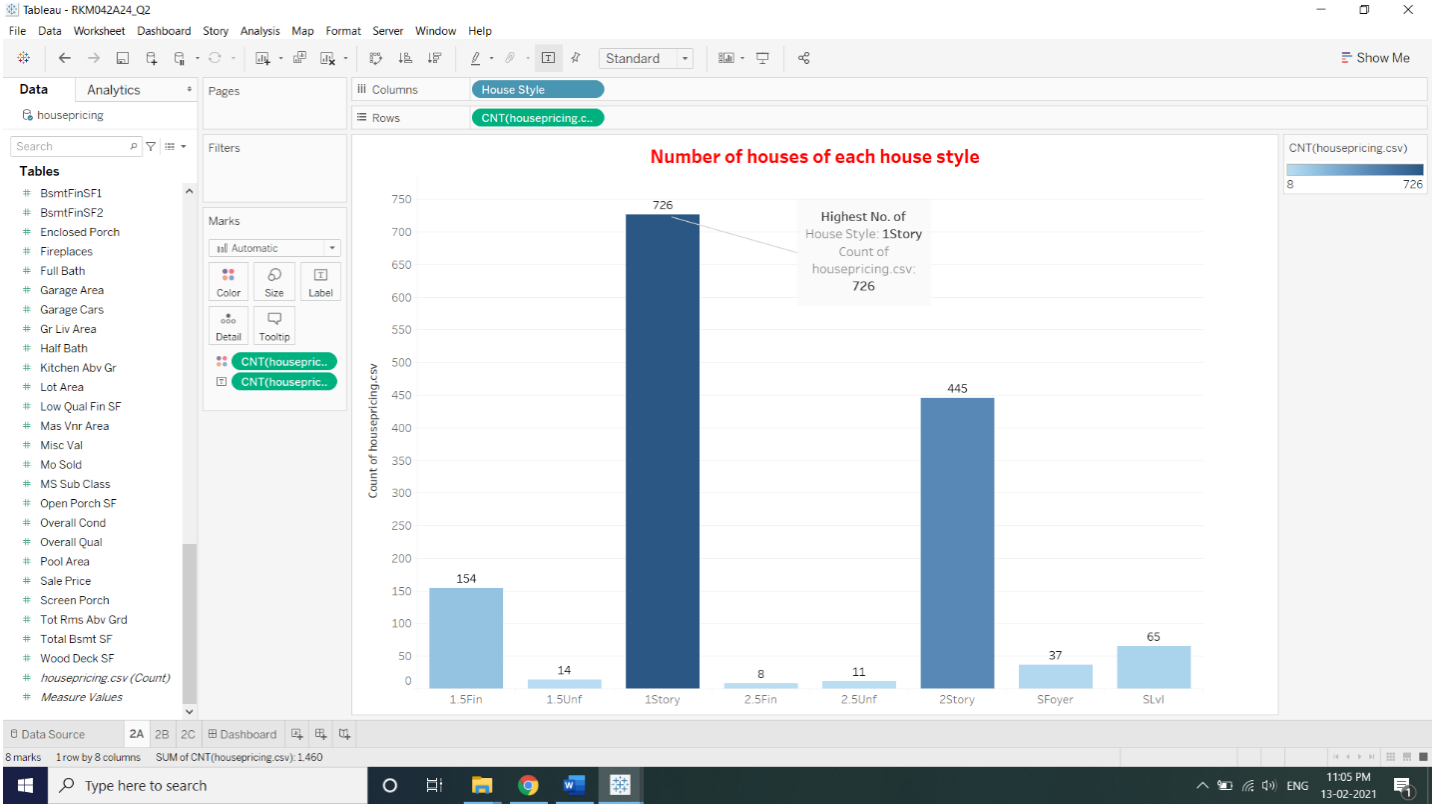


Tableau - RKM042A24_Q2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
housepricing
Search
Tables
BsmtFinSF1
BsmtFinSF2
Enclosed Porch
Fireplaces
Full Bath
Garage Area
Garage Cars
Gr Liv Area
Half Bath
Kitchen Abv Gr
Lot Area
Low Qual Fin SF
Mas Vnr Area
Misc Val
Mo Sold
MS Sub Class
Open Porch SF
Overall Cond
Overall Qual
Pool Area
Sale Price
Screen Porch
Tot Rms Abv Grd
Total Bsmt SF
Wood Deck SF
housepricing.csv (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
CNT(housepric..
CNT(housepric..
Columns
House Style
Rows
CNT(housepricing.c..
Number of houses of each house style
CNT(housepricing.csv)
8
726
Highest No. of
House Style: 1Story
Count of
housepricing.csv:
726
Count of housepricing.csv
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
726
445
154
65
37
14
8
11
1.5Fin
1.5Unf
1Story
2.5Fin
2.5Unf
2Story
SFoyer
SLvl
Data Source
2A
2B
2C
Dashboard
8 marks
1 row by 8 columns
SUM of CNT(housepricing.csv): 1,460
Type here to search
ENG
11:05 PM
13-02-2021

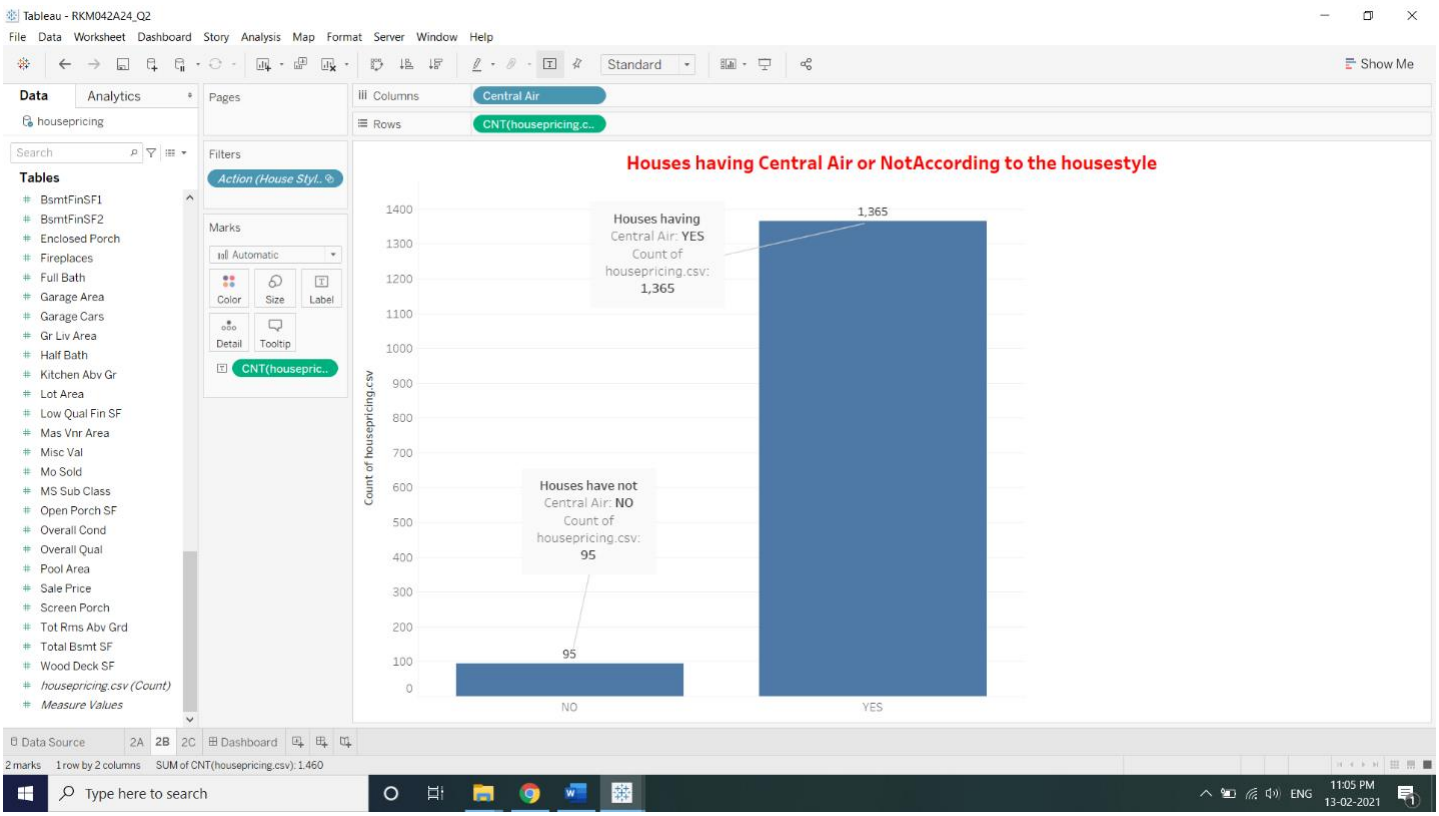


Tableau - RKM042A24_Q2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
housepricing
Search
Tables
BsmtFinSF1
BsmtFinSF2
Enclosed Porch
Fireplaces
Full Bath
Garage Area
Garage Cars
Gr Liv Area
Half Bath
Kitchen Abv Gr
Lot Area
Low Qual Fin SF
Mas Vnr Area
Misc Val
Mo Sold
MS Sub Class
Open Porch SF
Overall Cond
Overall Qual
Pool Area
Sale Price
Screen Porch
Tot Rms Abv Grd
Total Bsmt SF
Wood Deck SF
housepricing.csv (Count)
Measure Values
Pages
Filters
Action (House Styl..
Marks
Automatic
Color
Size
Label
Detail
Tooltip
CNT(housepric..
Columns
Central Air
Rows
CNT(housepricing.c..
Houses having Central Air or NotAccording to the housestyle
Houses having
Central Air: YES
Count of
housepricing.csv:
1,365
Houses have not
Central Air: NO
Count of
housepricing.csv:
95
Count of housepricing.csv
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1,365
95
NO
YES
Data Source
2A
2B
2C
Dashboard
2 marks
1 row by 2 columns
SUM of CNT(housepricing.csv): 1,460
Type here to search
ENG
11:05 PM
13-02-2021

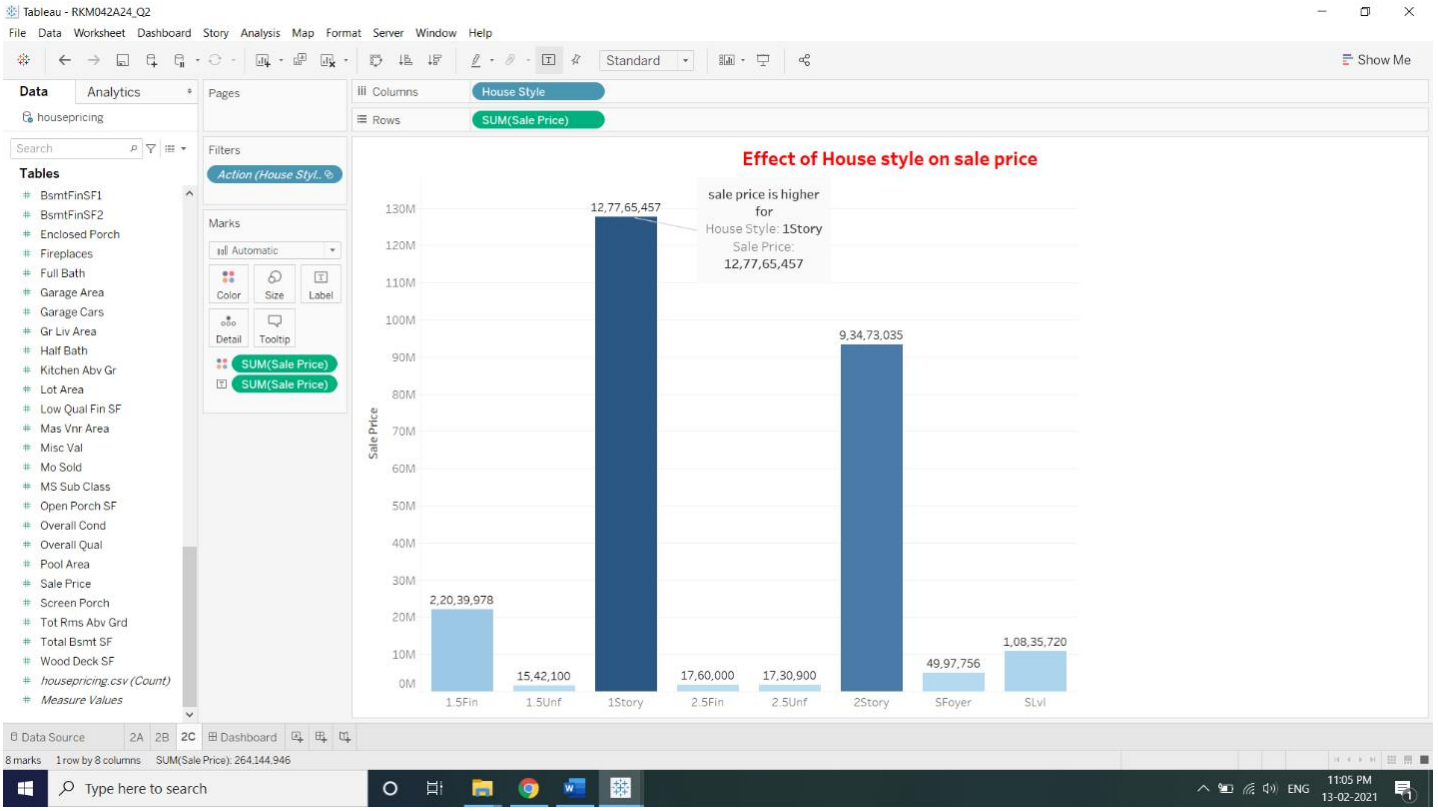


Tableau - RKM042A24_Q2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
housepricing
Search
Tables
BsmtFinSF1
BsmtFinSF2
Enclosed Porch
Fireplaces
Full Bath
Garage Area
Garage Cars
Gr Liv Area
Half Bath
Kitchen Abv Gr
Lot Area
Low Qual Fin SF
Mas Vnr Area
Misc Val
Mo Sold
MS Sub Class
Open Porch SF
Overall Cond
Overall Qual
Pool Area
Sale Price
Screen Porch
Tot Rms Abv Grd
Total Bsmt SF
Wood Deck SF
housepricing.csv (Count)
Measure Values
Pages
Filters
Action (House Styl..
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Sale Price)
SUM(Sale Price)
Columns
House Style
Rows
SUM(Sale Price)
Effect of House style on sale price
sale price is higher for House Style: 1Story Sale Price: 12,77,65,457
Sale Price
130M
120M
110M
100M
90M
80M
70M
60M
50M
40M
30M
20M
10M
0M
2,20,39,978
15,42,100
12,77,65,457
17,60,000
17,30,900
9,34,73,035
49,97,756
1,08,35,720
1.5Fin
1.5Unf
1Story
2.5Fin
2.5Unf
2Story
SFoyer
SLvl
Data Source
2A
2B
2C
Dashboard
8 marks
1 row by 8 columns
SUM(Sale Price): 264,144,946
Type here to search
ENG
11:05 PM
13-02-2021

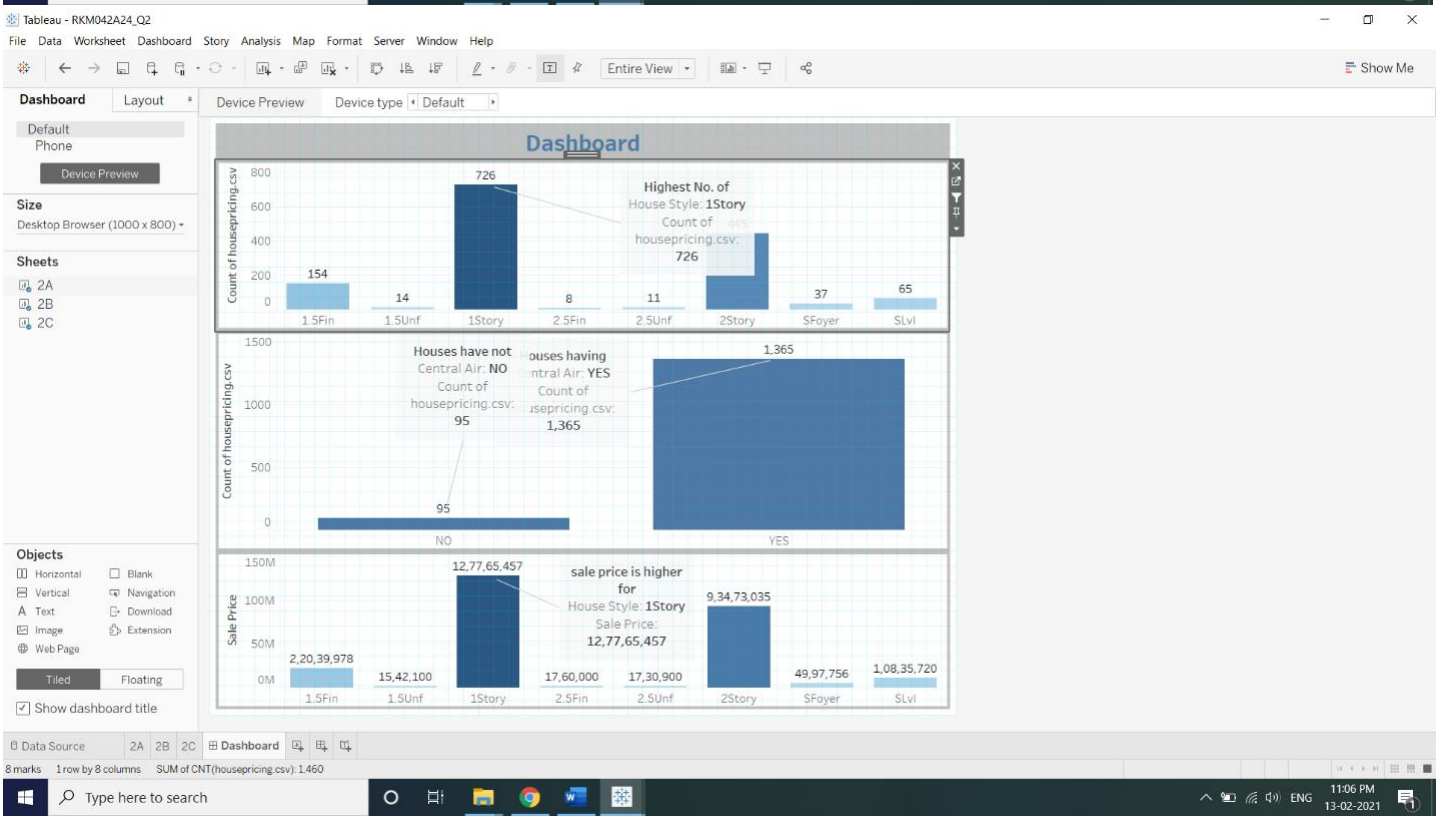
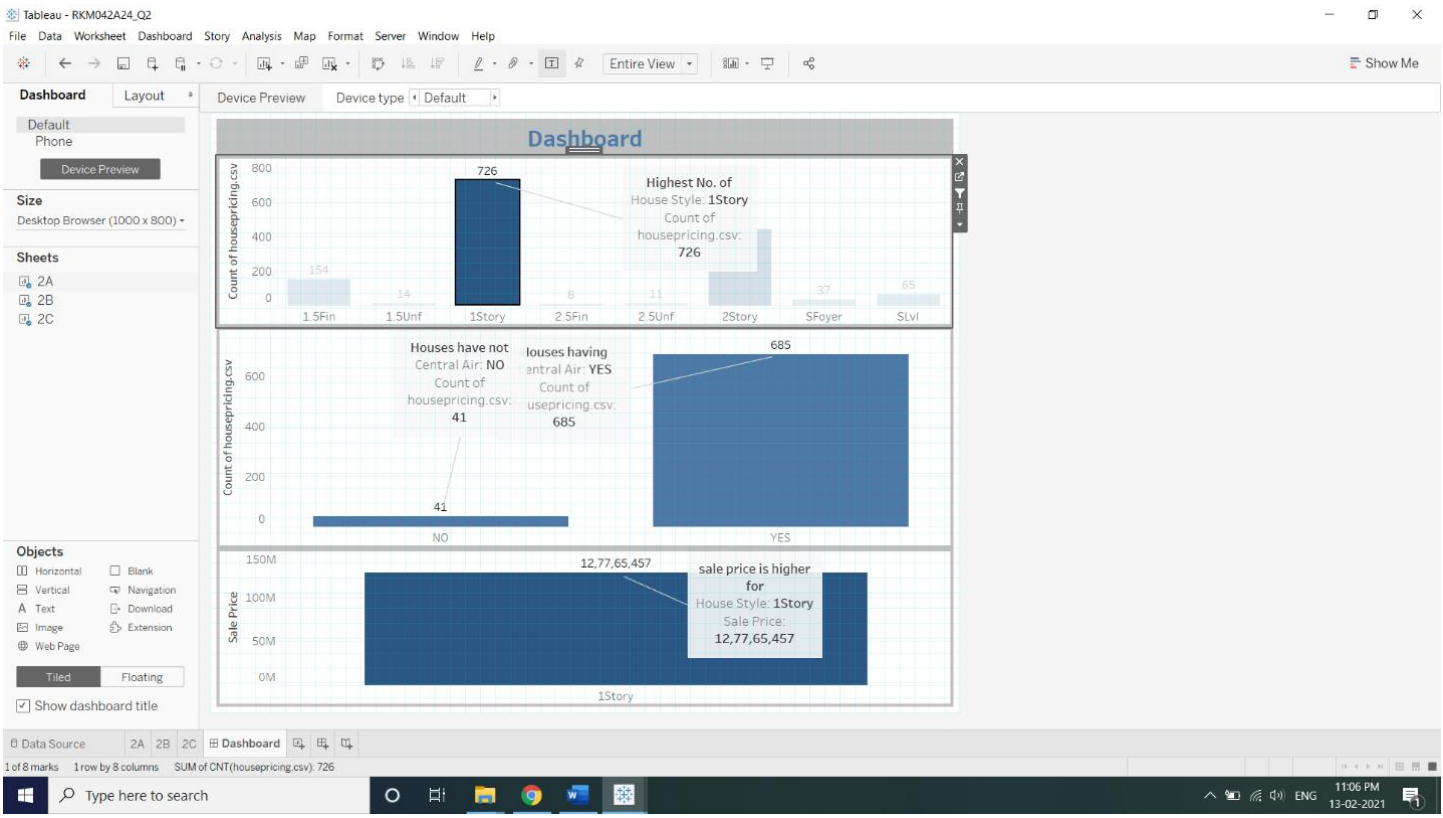
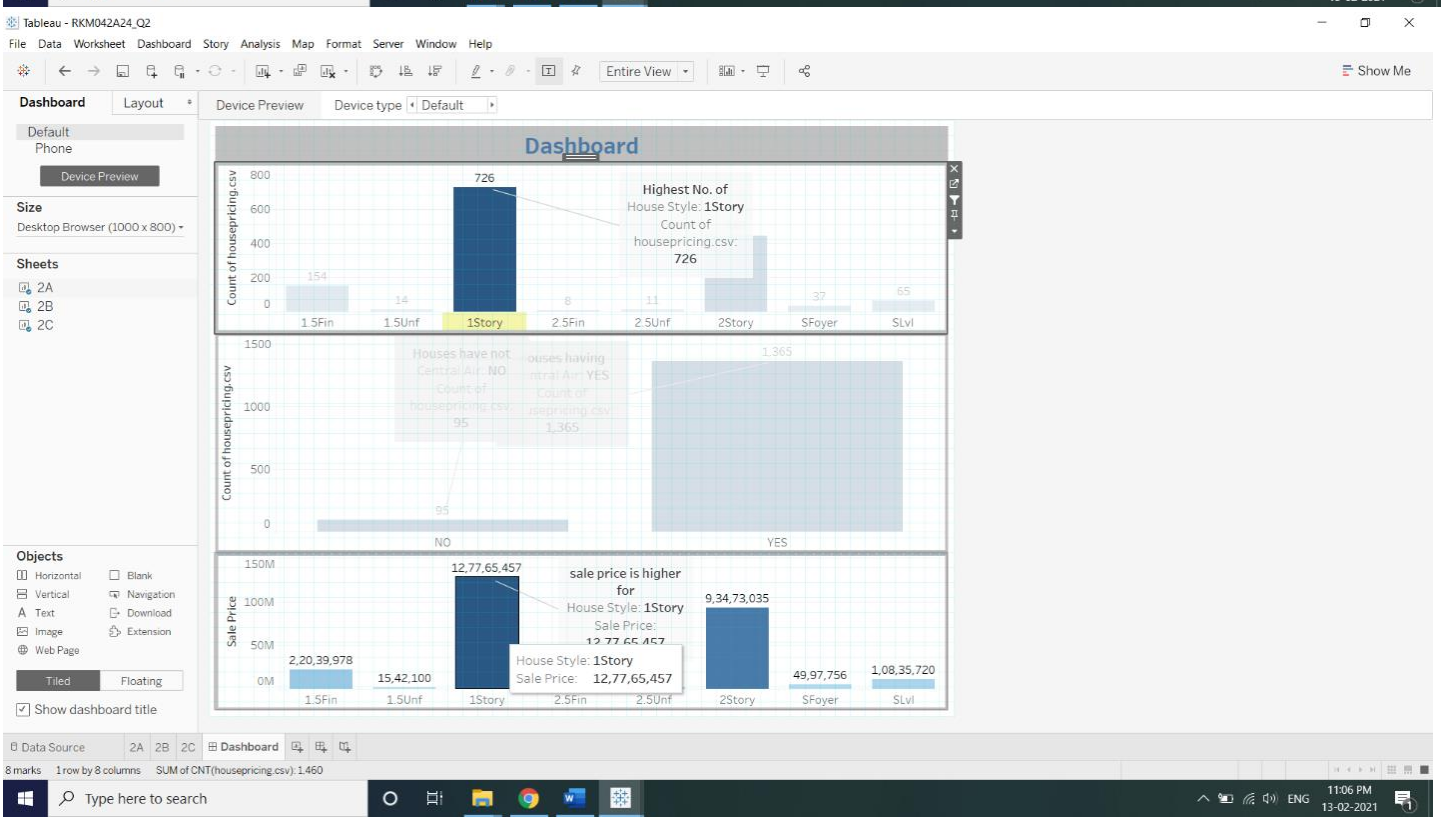


Tableau - RKM042A24_Q2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
Desktop Browser (1000 x 800)
Sheets
2A
2B
2C
Objects
Horizontal
Vertical
Text
Image
Web Page
Blank
Navigation
Download
Extension
Tiled
Floating
Show dashboard title
Device Preview
Device type
Default
Dashboard
Count of housepricing.csv
800
600
400
200
0
154
14
726
8
11
37
65
1.5Fin
1.5Unf
1Story
2.5Fin
2.5Unf
2Story
SFoyer
SLvl
Highest No. of House Style: 1Story Count of housepricing.csv: 726
Houses have not Central Air: NO Count of housepricing.csv: 95
ouses having ntral Air: YES Count of ısepricing.csv: 1,365
1500
1000
500
0
95
1,365
NO
YES
Sale Price
150M
100M
50M
0M
2,20,39,978
15,42,100
12,77,65,457
17,60,000
17,30,900
9,34,73,035
49,97,756
1,08,35,720
sale price is higher for House Style: 1Story Sale Price: 12,77,65,457
Data Source
2A
2B
2C
Dashboard
8 marks
1 row by 8 columns
SUM of CNT(housepricing.csv): 1,460
Type here to search
ENG
11:06 PM
13-02-2021





In Q.2, I have add annotate marks in 2A, 2B and 2C to visualize it better.

And in dashboard, I have add action – Filters and Highlights both to make it more interactive.

Q.3

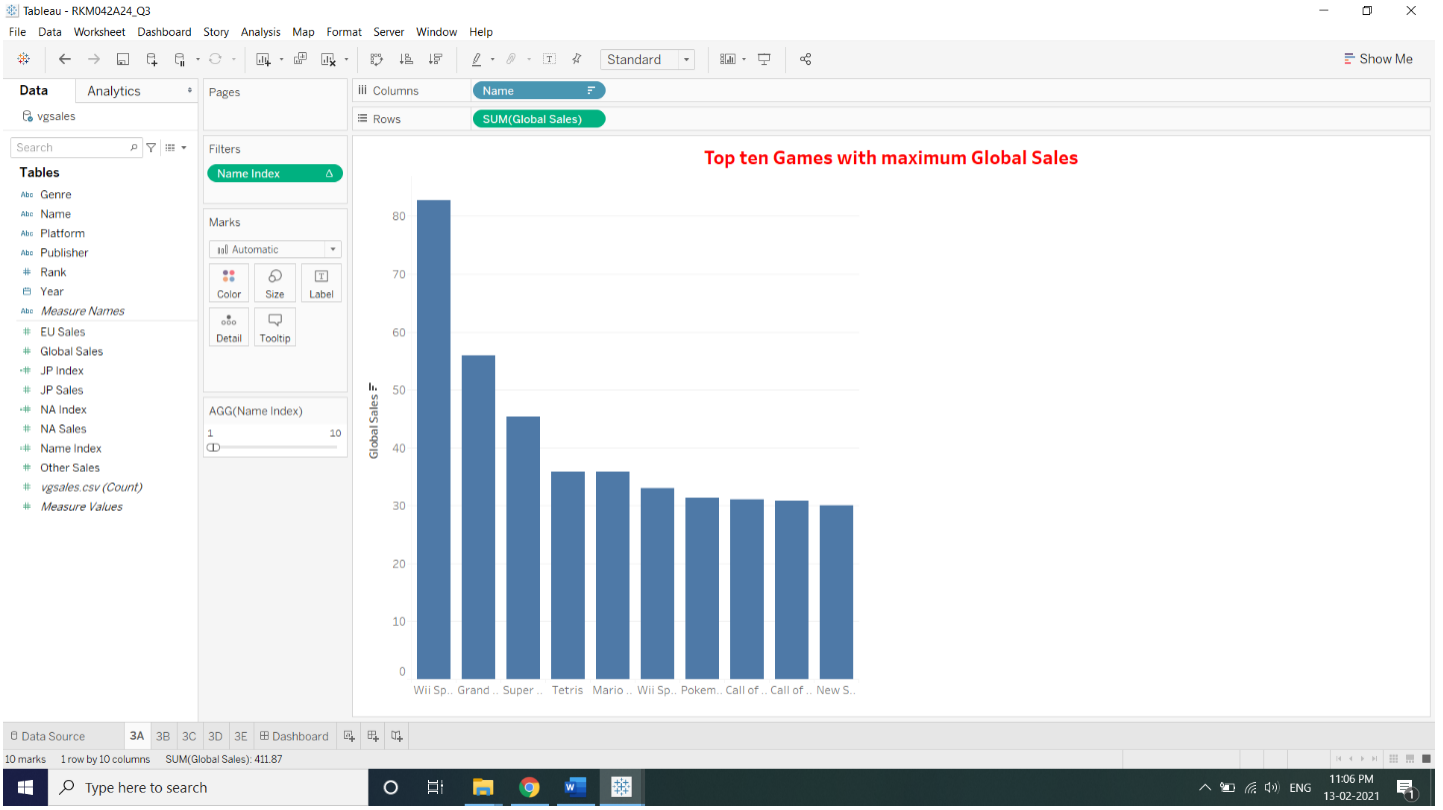


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
vgsales
Search
Tables
Genre
Name
Platform
Publisher
Rank
Year
Measure Names
EU Sales
Global Sales
JP Index
JP Sales
NA Index
NA Sales
Name Index
Other Sales
vgsales.csv (Count)
Measure Values
Pages
Filters
Name Index
Marks
Automatic
Color
Size
Label
Detail
Tooltip
AGG(Name Index)
1
10
Columns
Name
Rows
SUM(Global Sales)
Top ten Games with maximum Global Sales
Global Sales
80
70
60
50
40
30
20
10
0
Wii Sp..
Grand ..
Super ..
Tetris
Mario ..
Wii Sp..
Pokem..
Call of ..
Call of ..
New S..
Data Source
3A
3B
3C
3D
3E
Dashboard
10 marks
1 row by 10 columns
SUM(Global Sales): 411.87
Type here to search
ENG
11:06 PM
13-02-2021

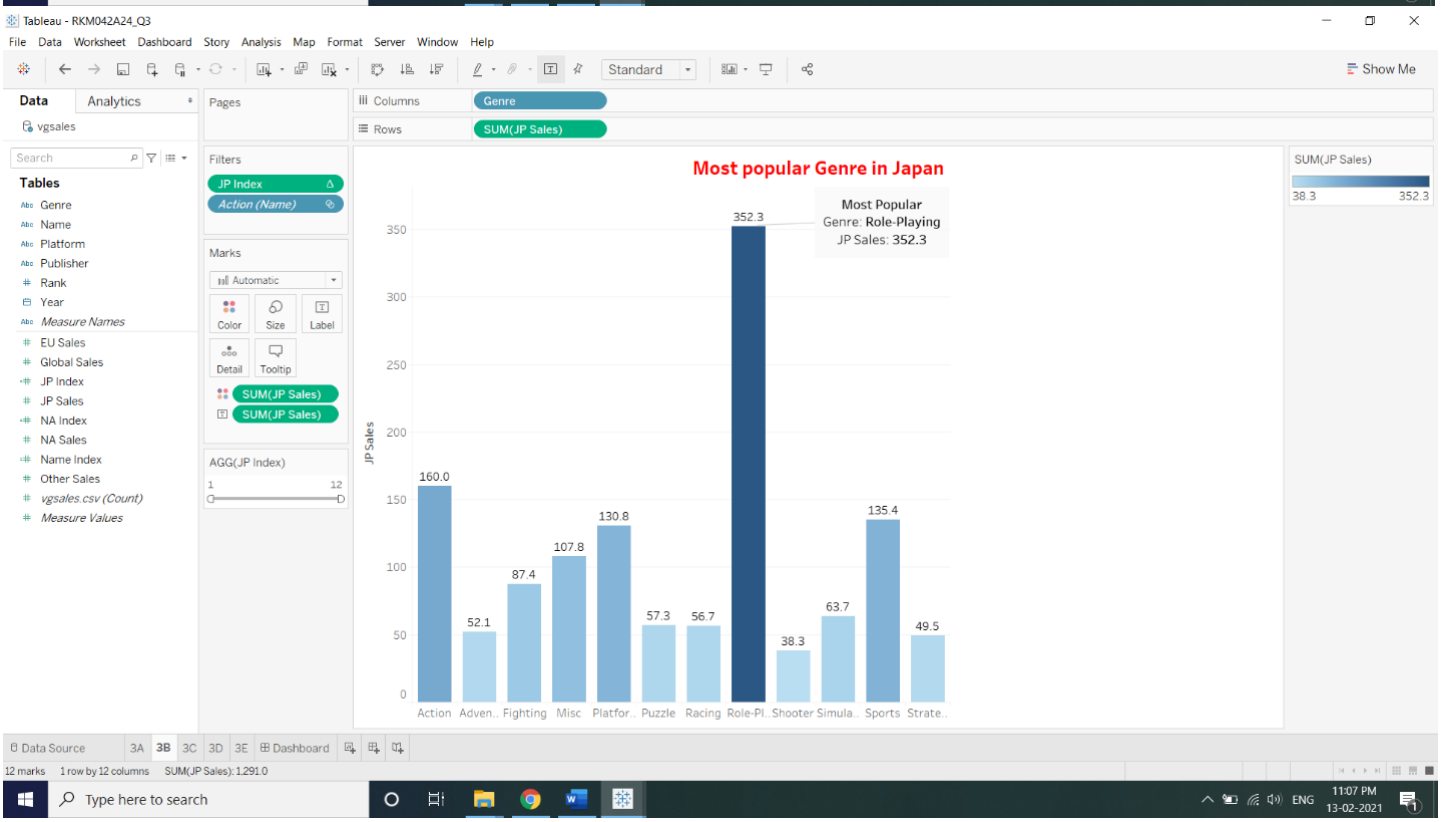


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
vgsales
Search
Tables
Genre
Name
Platform
Publisher
Rank
Year
Measure Names
EU Sales
Global Sales
JP Index
JP Sales
NA Index
NA Sales
Name Index
Other Sales
vgsales.csv (Count)
Measure Values
Pages
Filters
JP Index
Action (Name)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(JP Sales)
SUM(JP Sales)
AGG(JP Index)
1
12
Columns
Genre
Rows
SUM(JP Sales)
Most popular Genre in Japan
SUM(JP Sales)
38.3
352.3
Most Popular
Genre: Role-Playing
JP Sales: 352.3
JP Sales
350
300
250
200
150
100
50
0
160.0
52.1
87.4
107.8
130.8
57.3
56.7
352.3
38.3
63.7
135.4
49.5
Action
Adven..
Fighting
Misc
Platfor..
Puzzle
Racing
Role-Pl..
Shooter
Simula..
Sports
Strate..
Data Source
3A
3B
3C
3D
3E
Dashboard
12 marks
1 row by 12 columns
SUM(JP Sales): 1,291.0
Type here to search
ENG
11:07 PM
13-02-2021

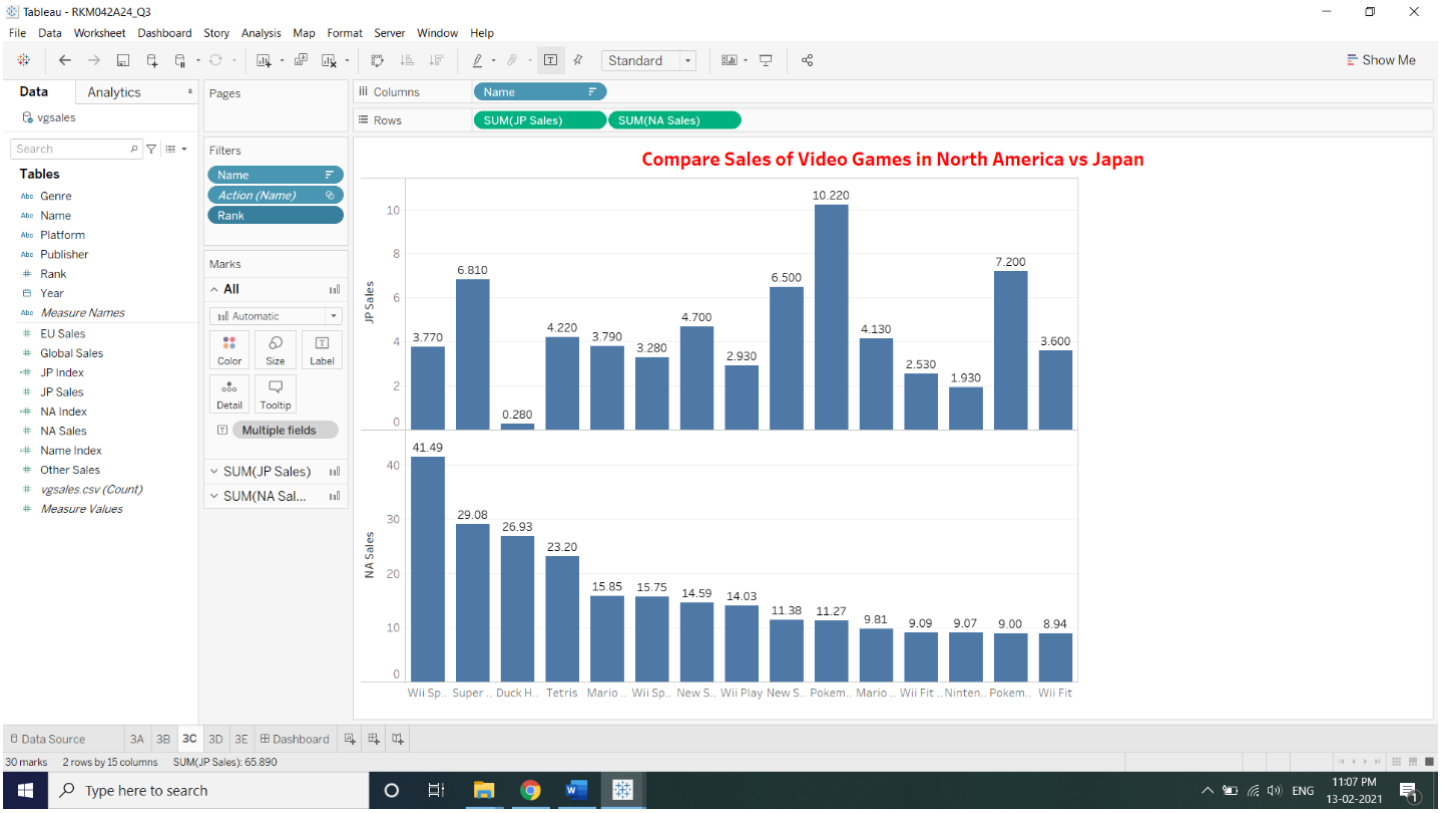


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
vgsales
Search
Tables
Genre
Name
Platform
Publisher
Rank
Year
Measure Names
EU Sales
Global Sales
JP Index
JP Sales
NA Index
NA Sales
Name Index
Other Sales
vgsales.csv (Count)
Measure Values
Pages
Filters
Name
Action (Name)
Rank
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
Multiple fields
SUM(JP Sales)
SUM(NA Sal...
Columns
Name
Rows
SUM(JP Sales)
SUM(NA Sales)
Compare Sales of Video Games in North America vs Japan
JP Sales
3.770
6.810
0.280
4.220
3.790
3.280
4.700
2.930
6.500
10.220
4.130
2.530
1.930
7.200
3.600
NA Sales
41.49
29.08
26.93
23.20
15.85
15.75
14.59
14.03
11.38
11.27
9.81
9.09
9.07
9.00
8.94
Wii Sp..
Super ..
Duck H..
Tetris
Mario ..
Wii Sp..
New S..
Wii Play
New S..
Pokem..
Mario ..
Wii Fit ..
Ninten..
Pokem..
Wii Fit
Data Source
3A 3B 3C 3D 3E
Dashboard
30 marks
2 rows by 15 columns
SUM(JP Sales): 65.890
Type here to search
ENG
11:07 PM
13-02-2021

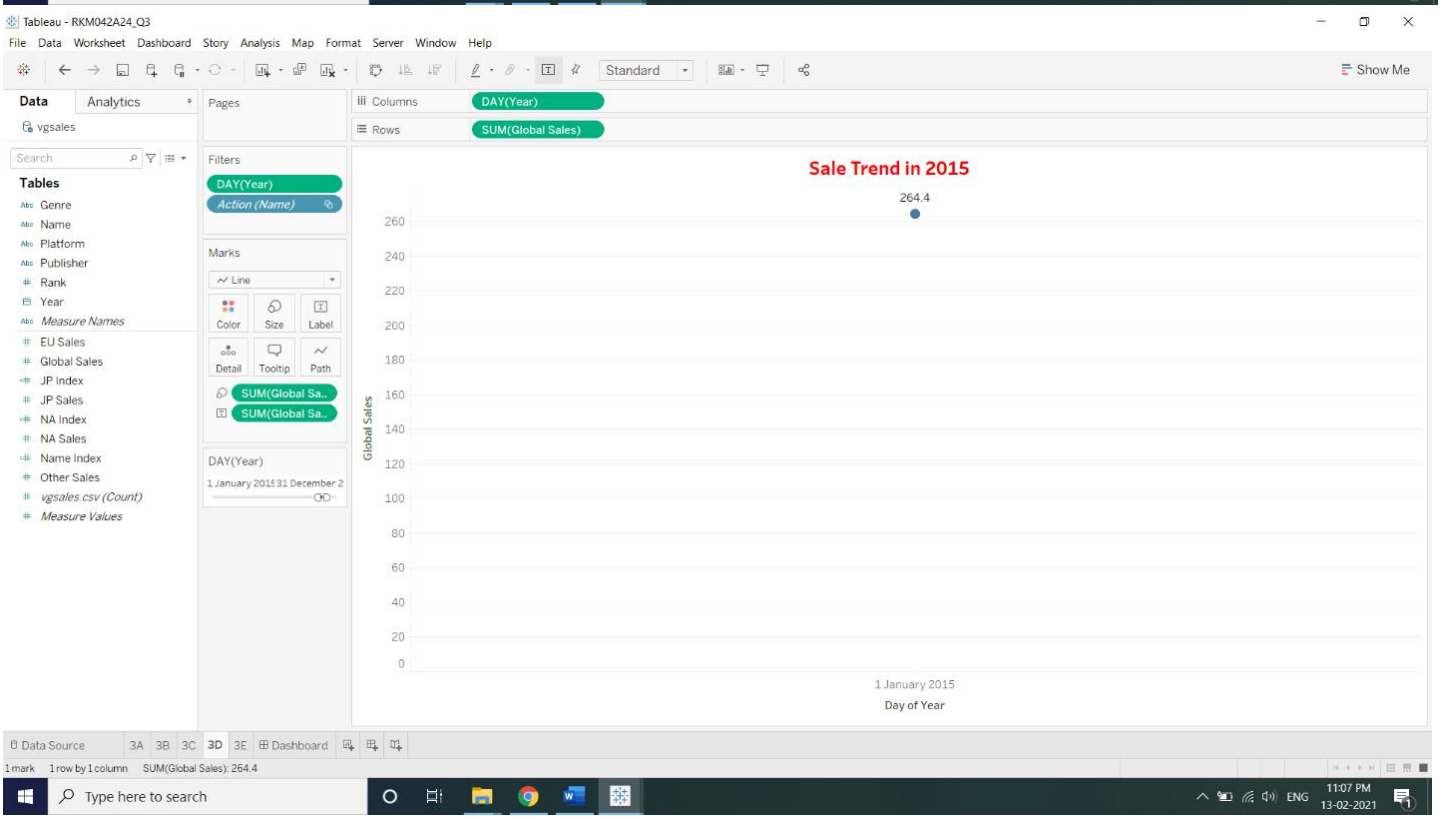


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
vgsales
Search
Tables
Genre
Name
Platform
Publisher
Rank
Year
Measure Names
EU Sales
Global Sales
JP Index
JP Sales
NA Index
NA Sales
Name Index
Other Sales
vgsales.csv (Count)
Measure Values
Pages
Filters
DAY(Year)
Action (Name)
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
SUM(Global Sa..
SUM(Global Sa..
DAY(Year)
1 January 2015 31 December 2
Columns
DAY(Year)
Rows
SUM(Global Sales)
Sale Trend in 2015
264.4
Global Sales
1 January 2015
Day of Year
Data Source
3A 3B 3C 3D 3E
Dashboard
1 mark
1 row by 1 column
SUM(Global Sales): 264.4
Type here to search
ENG
11:07 PM
13-02-2021

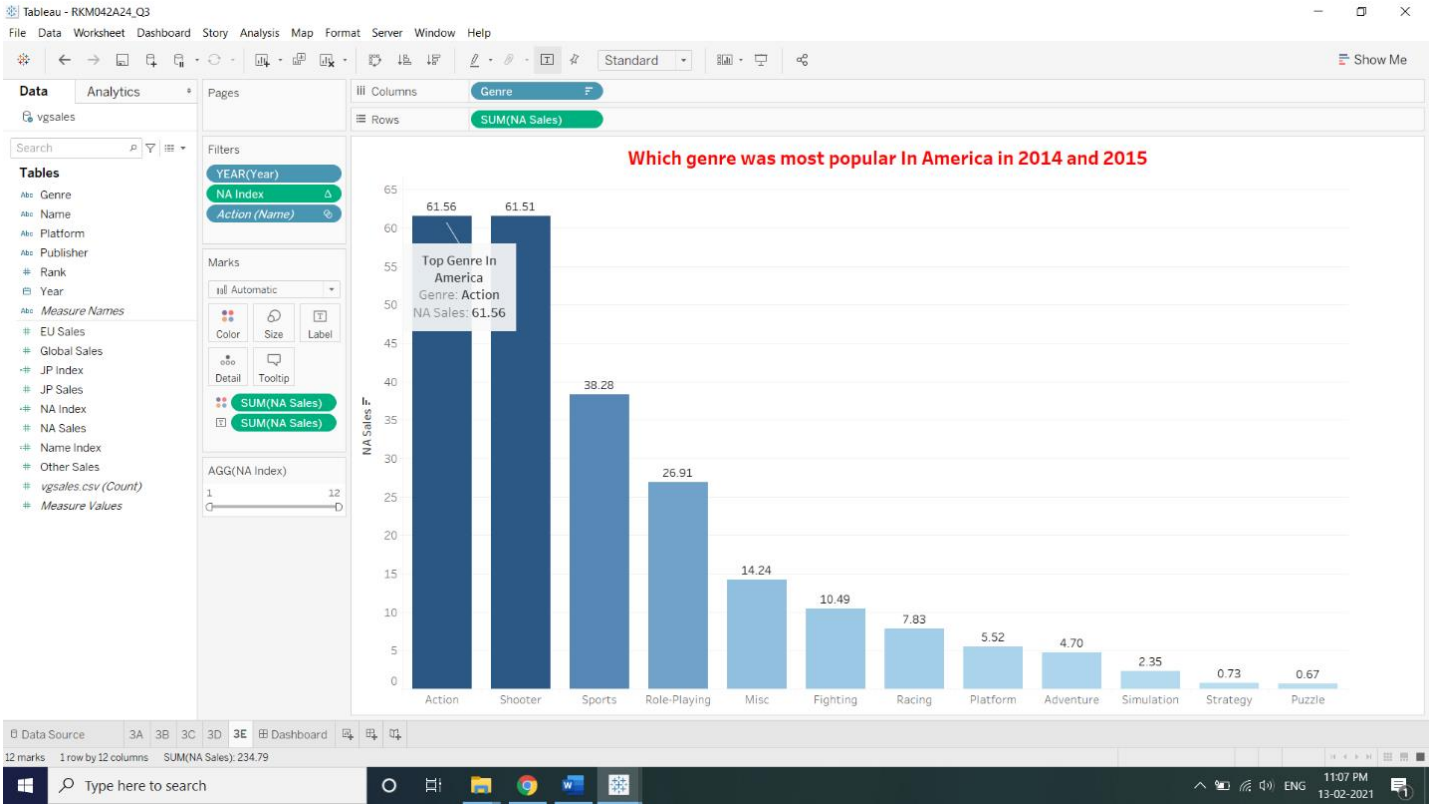


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
vgsales
Search
Tables
Genre
Name
Platform
Publisher
Rank
Year
Measure Names
EU Sales
Global Sales
JP Index
JP Sales
NA Index
NA Sales
Name Index
Other Sales
vgsales.csv (Count)
Measure Values
Pages
Filters
YEAR(Year)
NA Index
Action (Name)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(NA Sales)
SUM(NA Sales)
AGG(NA Index)
1
12
Columns
Genre
Rows
SUM(NA Sales)
Which genre was most popular In America in 2014 and 2015
Top Genre In America
Genre: Action
NA Sales: 61.56
NA Sales
61.56
61.51
38.28
26.91
14.24
10.49
7.83
5.52
4.70
2.35
0.73
0.67
Action
Shooter
Sports
Role-Playing
Misc
Fighting
Racing
Platform
Adventure
Simulation
Strategy
Puzzle
Data Source
3A 3B 3C 3D 3E
Dashboard
12 marks
1 row by 12 columns
SUM(NA Sales): 234.79
Type here to search
ENG
11:07 PM
13-02-2021

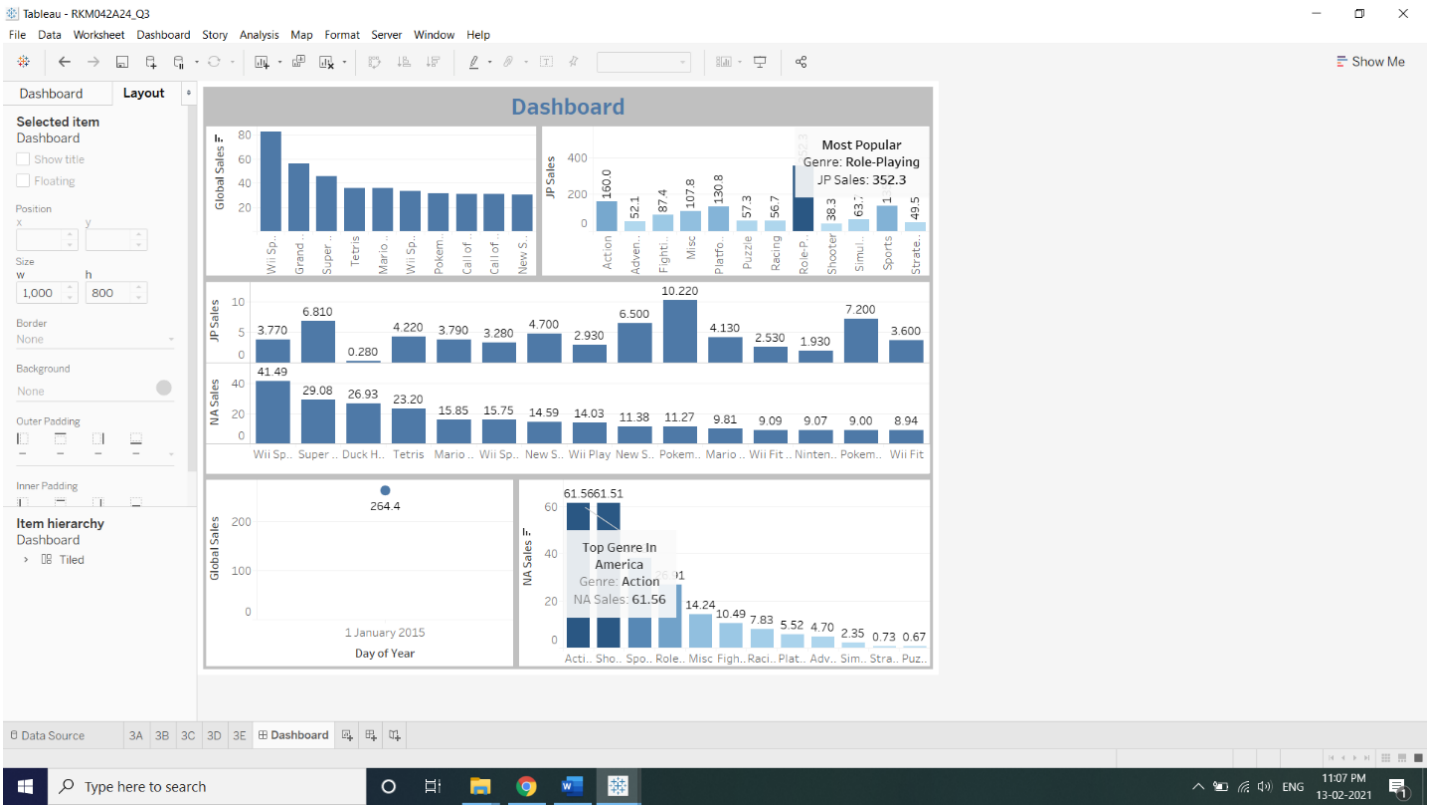


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Dashboard
Layout
Selected item
Dashboard
Show title
Floating
Position
Size
1,000
800
Border
None
Background
None
Outer Padding
Inner Padding
Item hierarchy
Dashboard
Tiled
Dashboard
Global Sales
JP Sales
Most Popular
Genre: Role-Playing
JP Sales: 352.3
NA Sales
Global Sales
264.4
1 January 2015
Day of Year
Top Genre In America
Genre: Action
NA Sales: 61.56
Data Source
3A 3B 3C 3D 3E
Dashboard
Type here to search
ENG
11:07 PM
13-02-2021

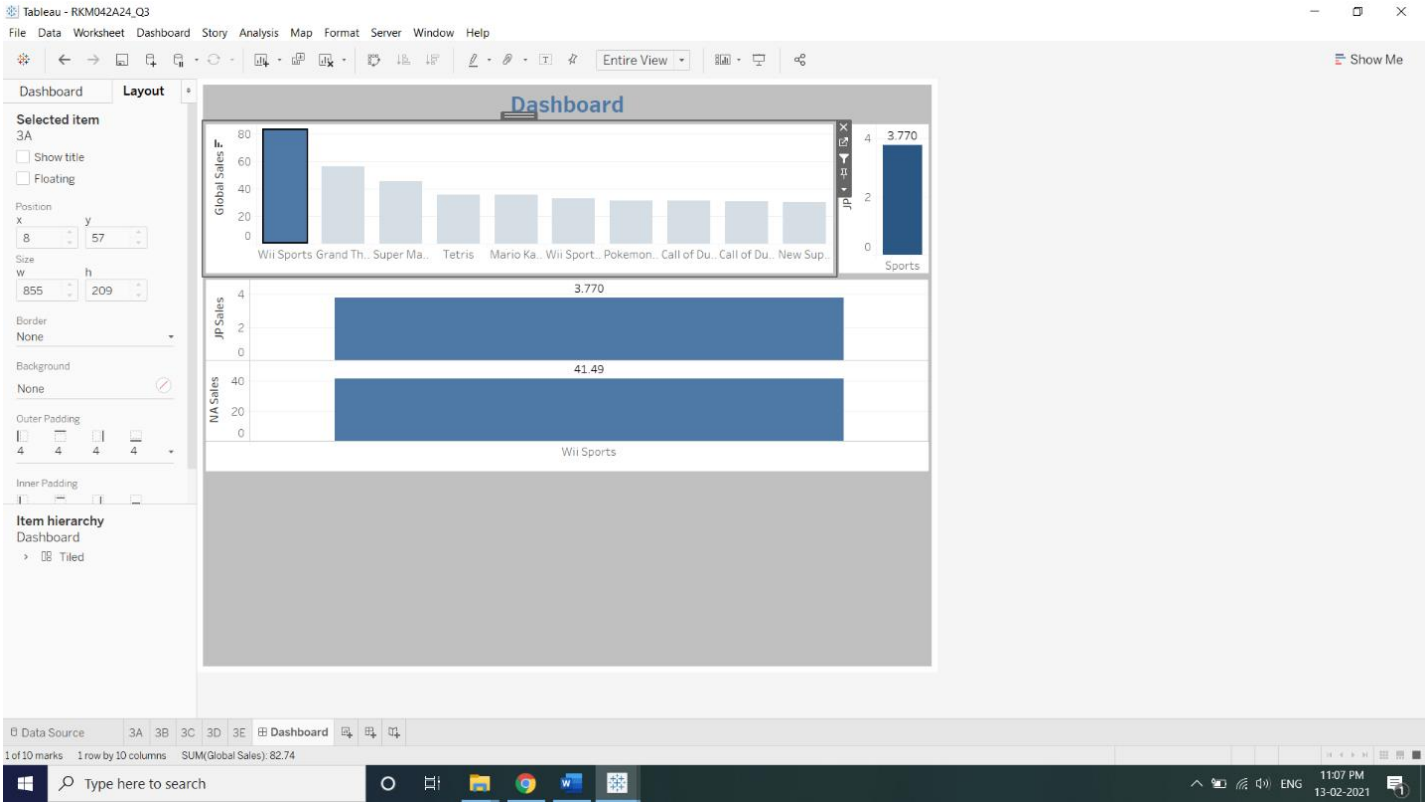


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Dashboard
Layout
Selected item
3A
Show title
Floating
Position
x 8
y 57
Size
w 855
h 209
Border
None
Background
None
Outer Padding
4 4 4 4
Inner Padding
Item hierarchy
Dashboard
Tiled
Dashboard
Global Sales
Wii Sports
Grand Th..
Super Ma..
Tetris
Mario Ka..
Wii Sport..
Pokemon..
Call of Du..
Call of Du..
New Sup..
JP Sales
3.770
Sports
3.770
Wii Sports
41.49
Wii Sports
Data Source
3A 3B 3C 3D 3E Dashboard
1 of 10 marks
1 row by 10 columns
SUM(Global Sales): 82.74
Type here to search
ENG
11:07 PM
13-02-2021

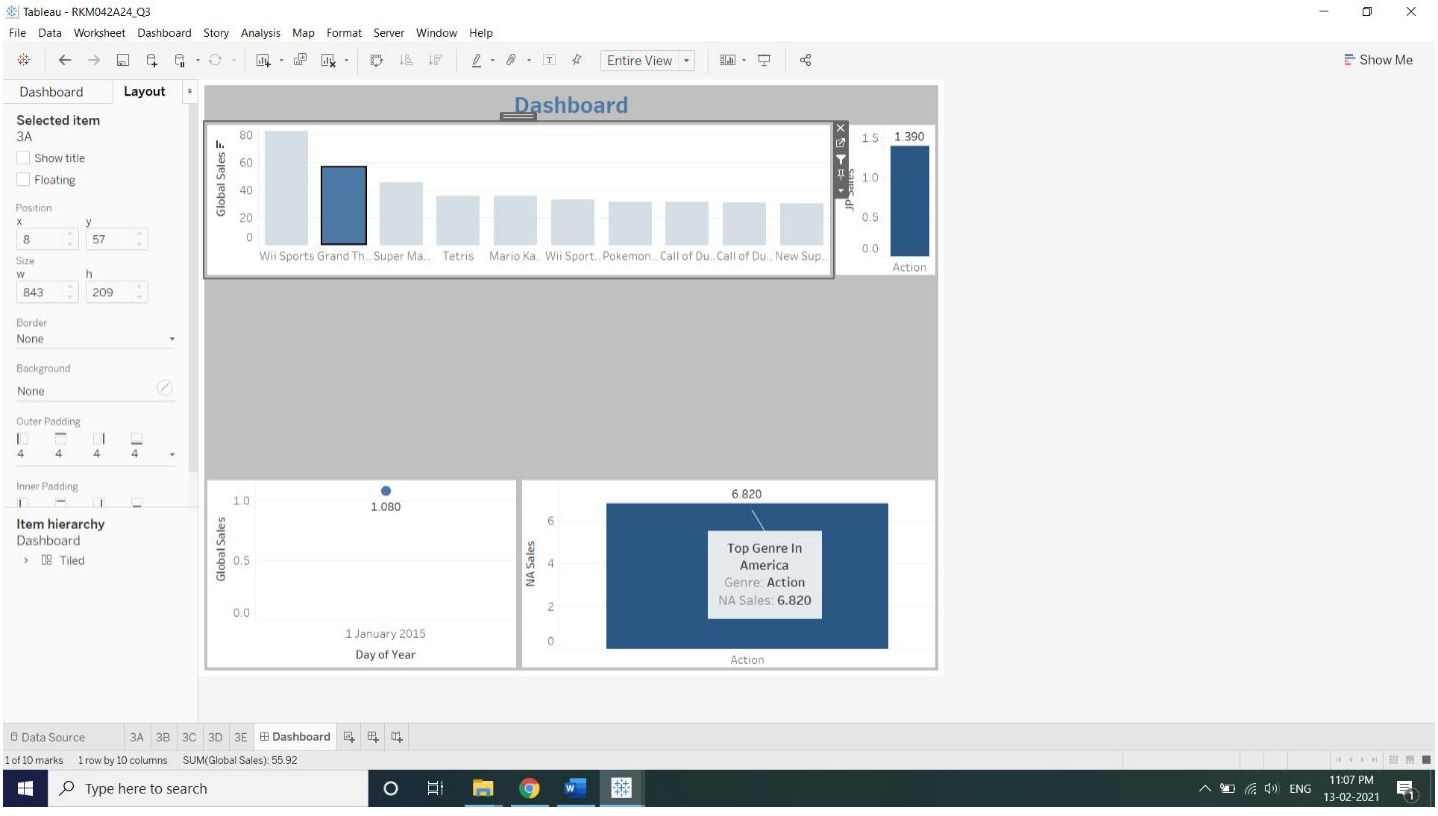
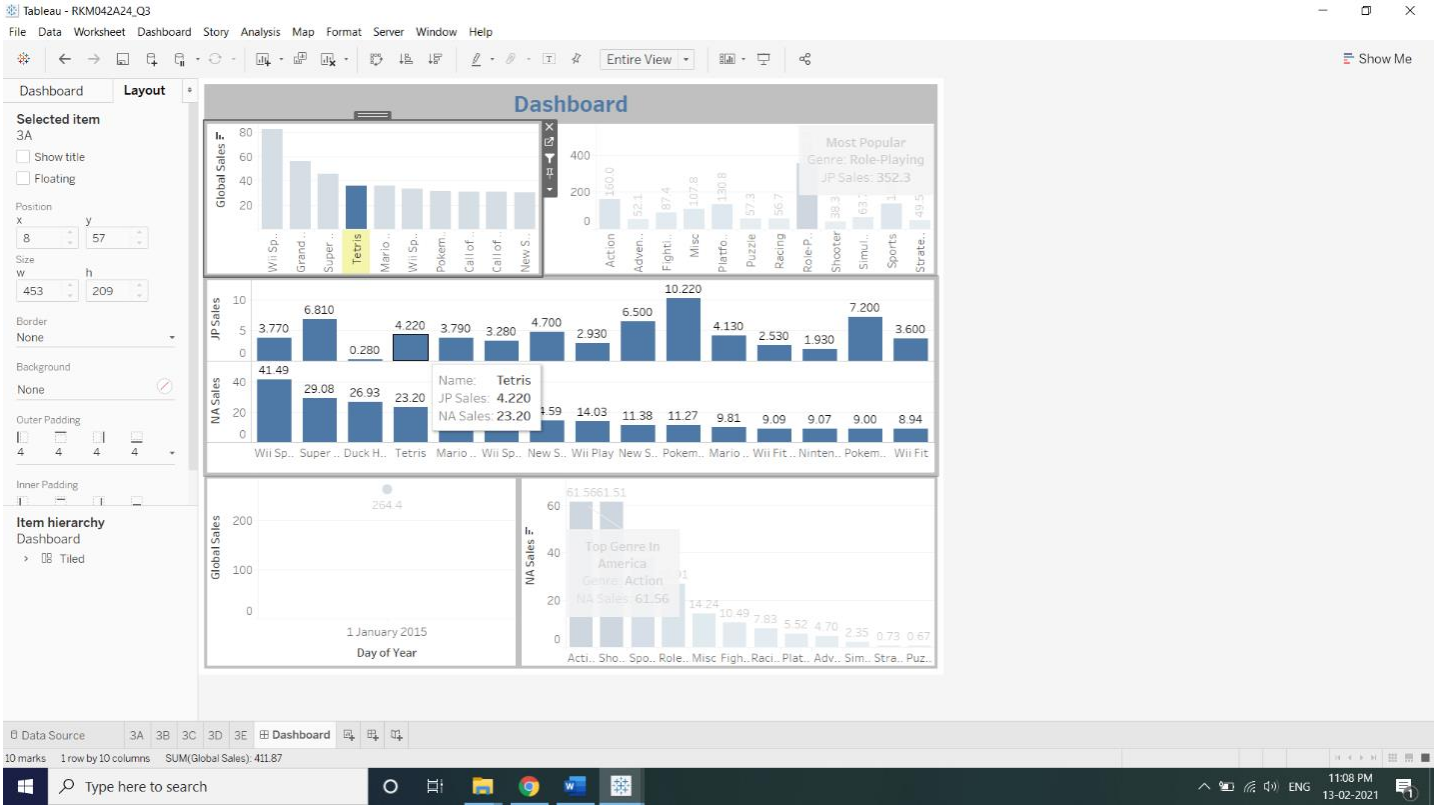
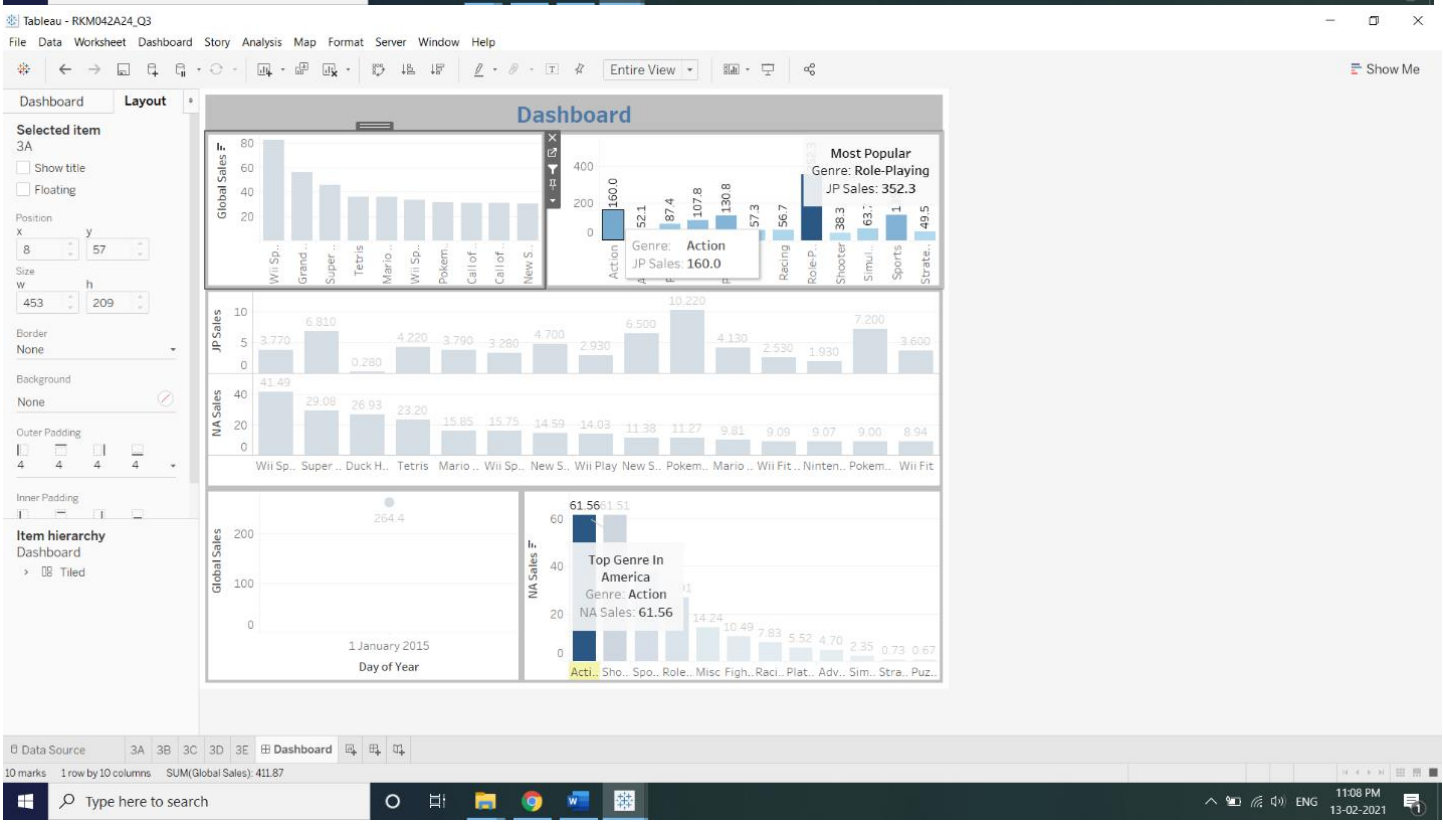


Tableau - RKM042A24_Q3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Dashboard
Layout
Selected item
3A
Show title
Floating
Position
x 8
y 57
Size
w 843
h 209
Border
None
Background
None
Outer Padding
4 4 4 4
Inner Padding
Item hierarchy
Dashboard
Tiled
Dashboard
Global Sales
Wii Sports
Grand Th..
Super Ma..
Tetris
Mario Ka..
Wii Sport..
Pokemon..
Call of Du..
Call of Du..
New Sup..
JP Sales
1.390
Action
1.080
1 January 2015
Day of Year
6.820
Top Genre In America
Genre: Action
NA Sales: 6.820
Action
Data Source
3A 3B 3C 3D 3E Dashboard
1 of 10 marks
1 row by 10 columns
SUM(Global Sales): 55.92
Type here to search
ENG
11:07 PM
13-02-2021





In Q.3, I have created calculated field using index() function of genre and of name of games to use as filter like in 3A

I have filter top 10 games name globally in 3B most popular genre in japan and 3E most popular genre in America.

In Dashboard , I have use action filters and highlights to make it more interactive.