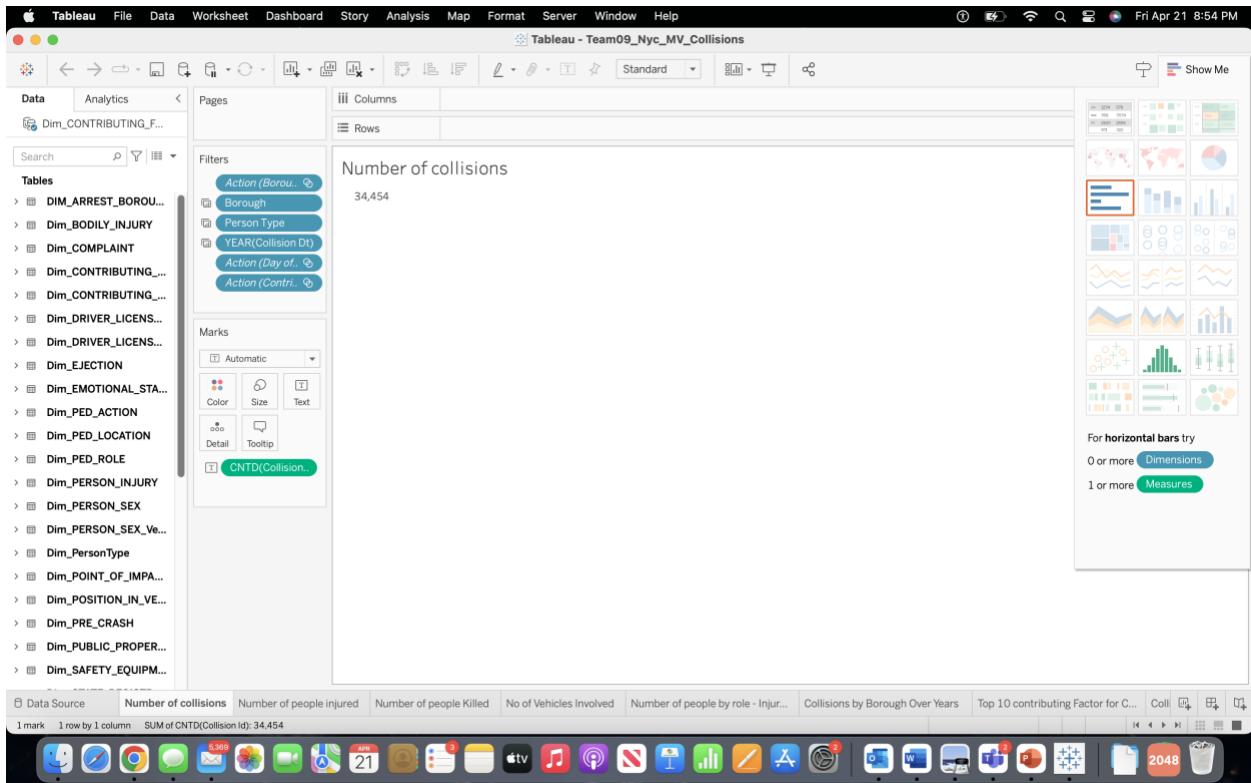


Team 09- NYC Motor Vehicle Collision Tableau Screenshots



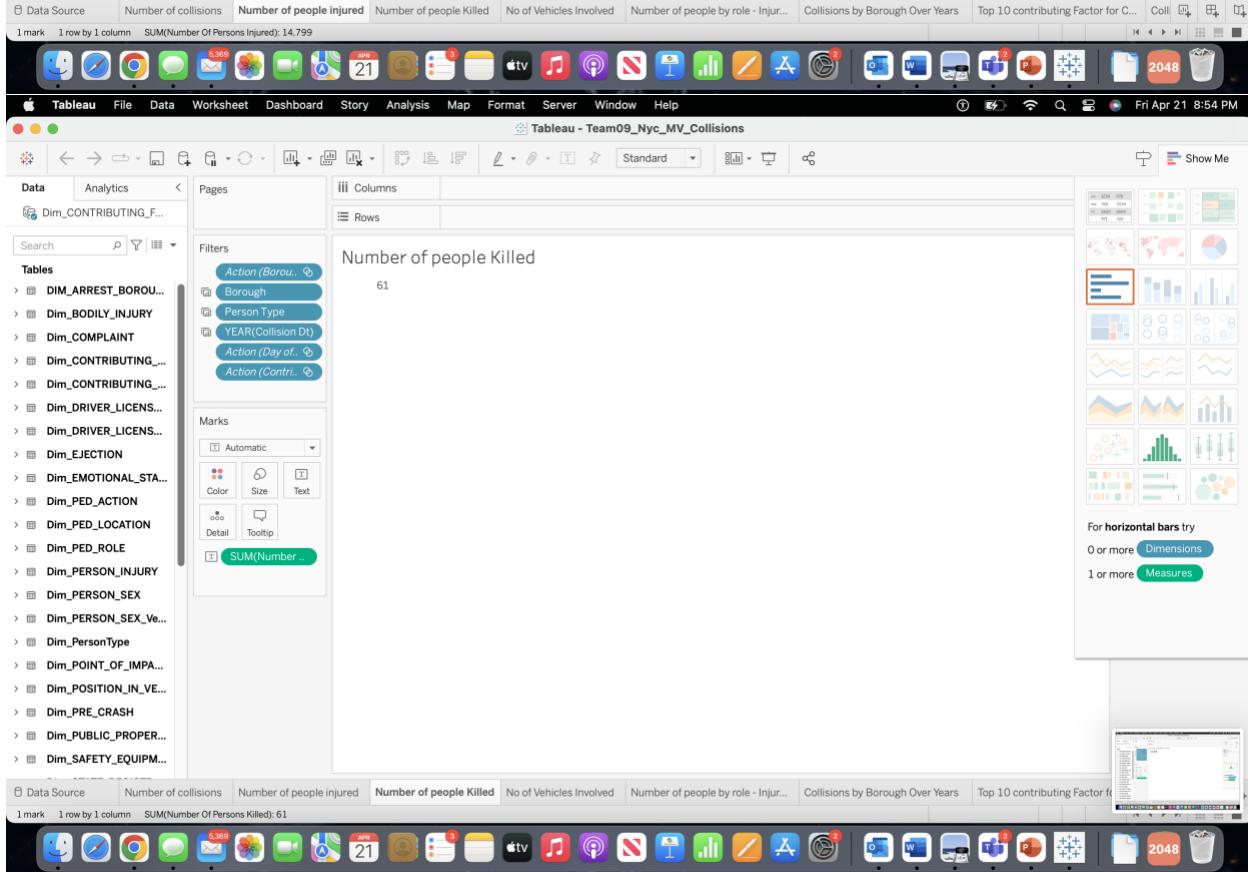
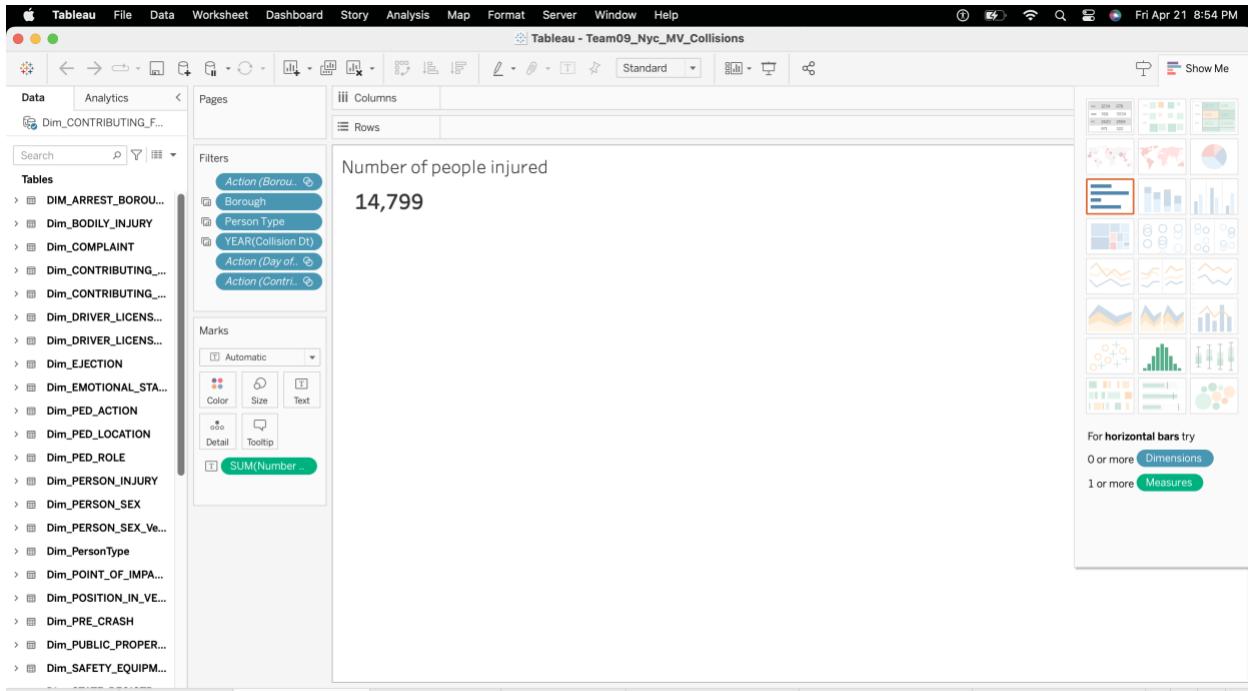


Tableau - Team09_Nyc_MV_Collisions

No Vehicles Involved

62,860

Filters:

- Action (Borough)
- Borough
- Person Type
- YEAR(Collision Dt)
- Action (Day of)
- Action (Contributor)

Marks:

- Automatic
- Color
- Size
- Text
- Detail
- Tooltip

Measure Values:

- SUM(Number Of Vehicles Involved)

For horizontal bars try
0 or more Dimensions
1 or more Measures

Number of collisions Number of people injured Number of people Killed No of Vehicles Involved Number of people by role - Injured or Killed Collisions by Borough Over Years Top 10 contributing Factor

1 mark 1 row by 1 column SUM(Number Of Vehicles Involved): 62,860

Apple Mac OS X Dock

Tableau - Team09_Nyc_MV_Collisions

Number of people by role - Injured or Killed

Role	Count
Cyclist Injured	49,176
Cyclist Killed	200
Motorist Injured	412,285
Motorist Killed	1,100
Pedestrians Injured	104,513
Pedestrians Killed	1,377

Filters:

- Measure Names
- YEAR(Collision Dt)
- Person Type

Marks:

- Automatic
- Color
- Size
- Text
- Detail
- Tooltip

Measure Values:

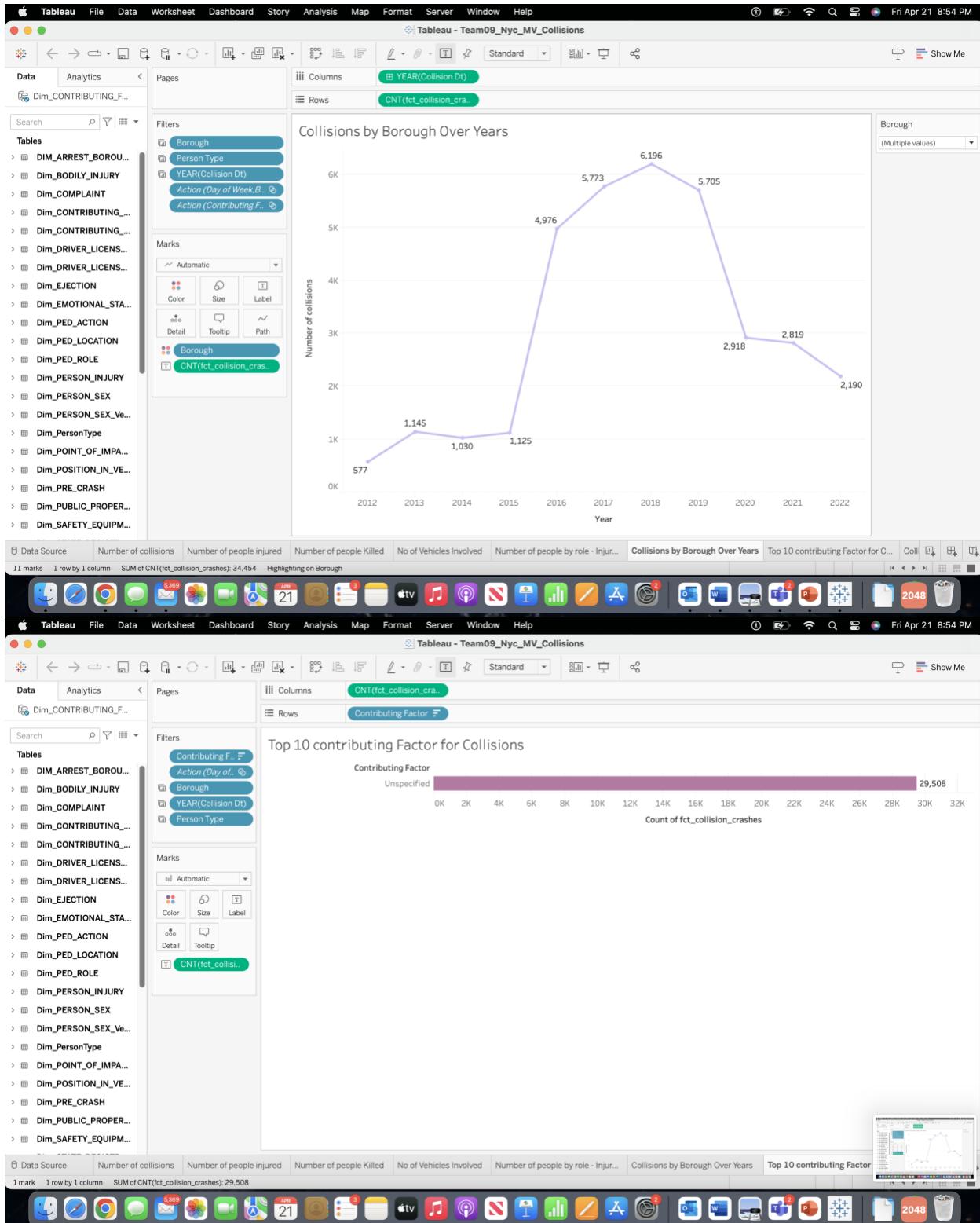
- SUM(Number Of Cyc...)
- SUM(Number Of Cyc...)
- SUM(Number Of Mot...)
- SUM(Number Of Mot...)
- SUM(Number Of Ped...)
- SUM(Number Of Ped...)

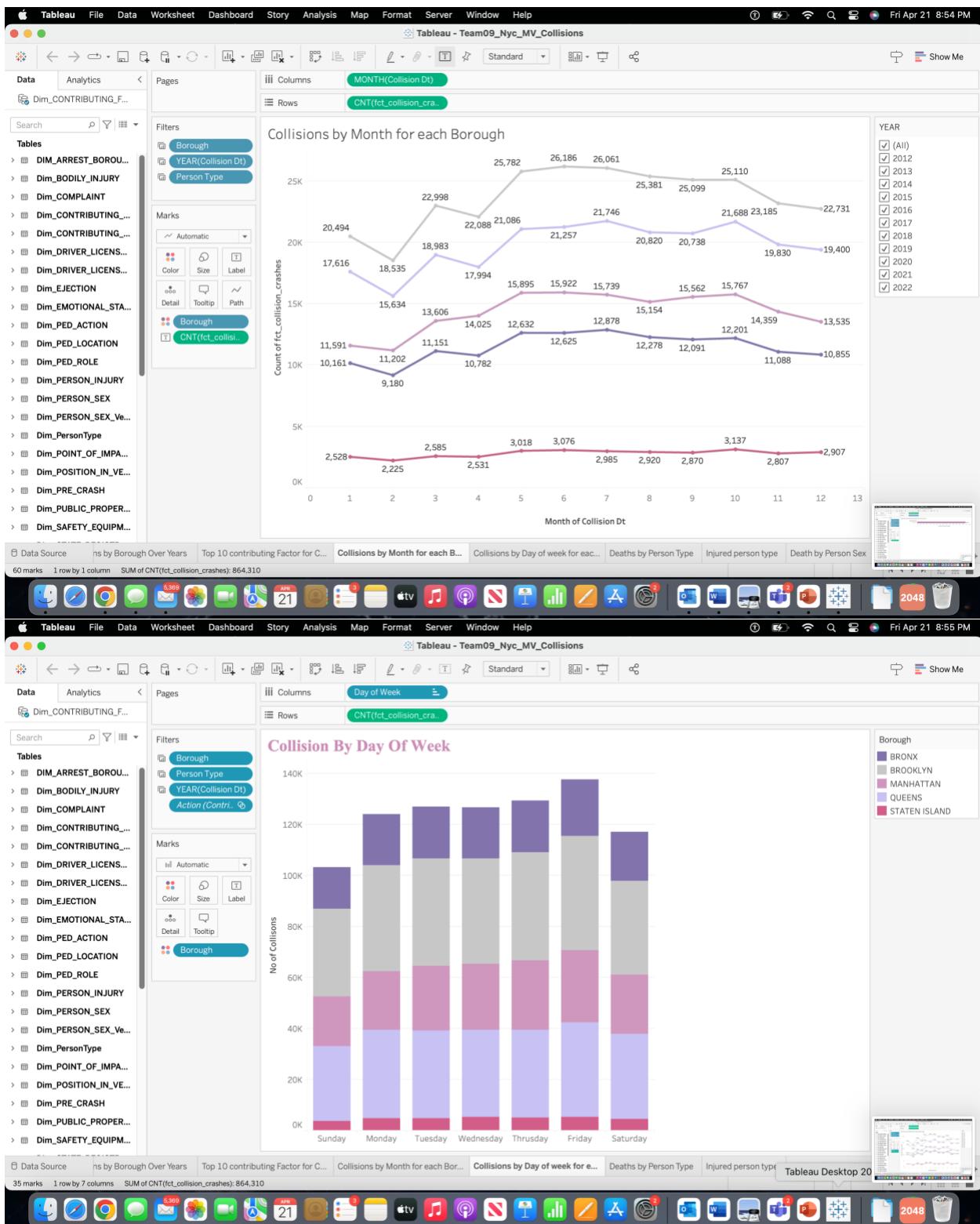
For horizontal bars try
0 or more Dimensions
1 or more Measures

Number of collisions Number of people injured Number of people Killed No of Vehicles Involved Number of people by role - Injured or Killed Collisions by Borough Over Years Top 10 contributing Factor

6 marks 6 rows by 1 column SUM of Measure Values: 568,651

Apple Mac OS X Dock





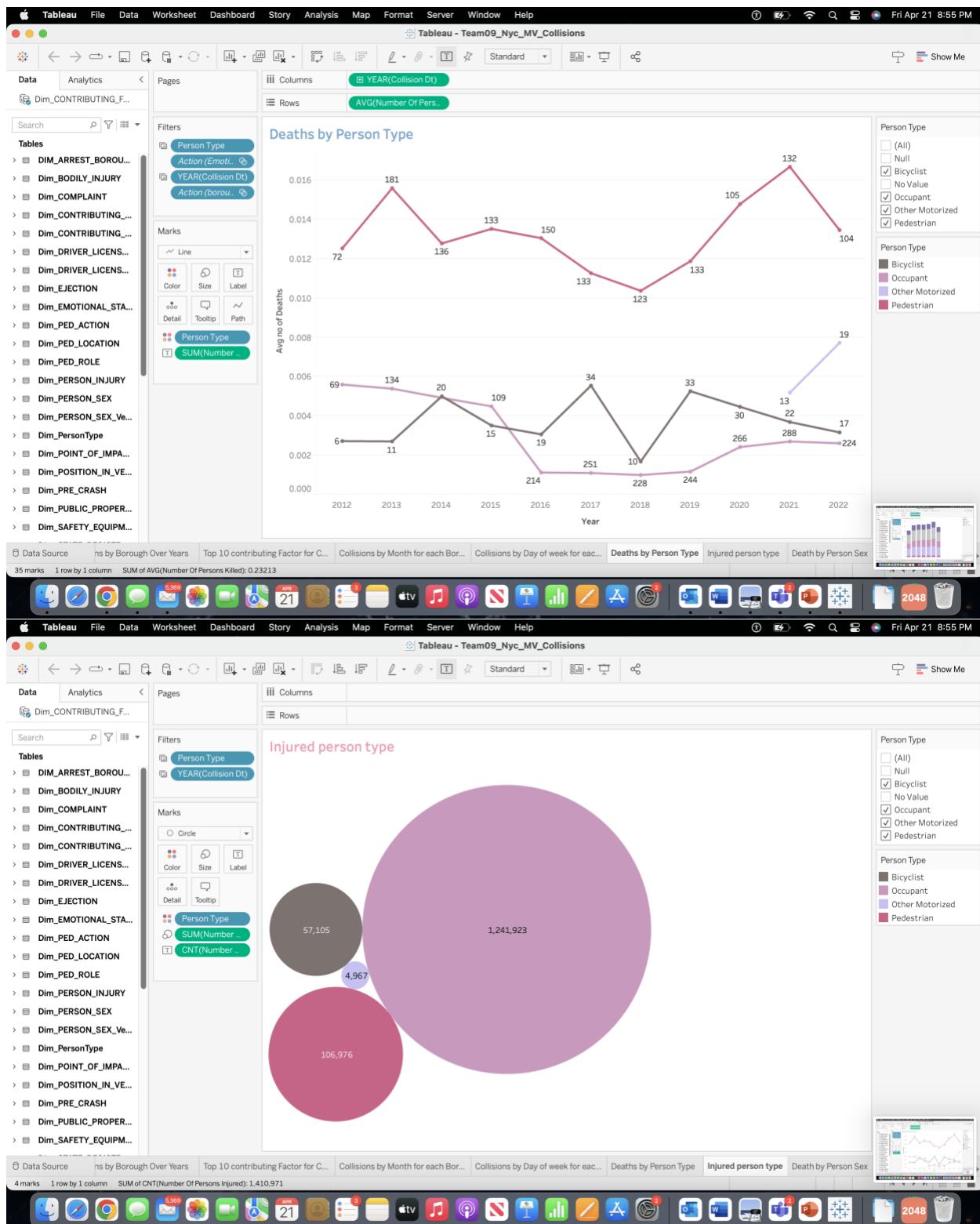


Tableau - Team09_Nyc_MV_Collisions

Standard

Filters

Columns: YEAR(Collision Dt)

Rows: Sex

Marks: SUM(Number ...)

Year: (All), 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

Sex	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Female	0	0	0	0	120	140	133	140	157	147	117
Male	0	0	0	0	186	250	216	232	257	279	221
Unknown	0	0	0	0	32	57	42	58	55	40	35

Data Source: Deaths by Borough Over Years

Top 10 contributing Factor for Collisions

Collisions by Month for each Borough

Collisions by Day of week for each Borough

Deaths by Person Type

Injured person type

Death by Person Sex

33 marks 3 rows by 11 columns SUM(Number Of Persons Killed): 2,914

Tableau - Team09_Nyc_MV_Collisions

Standard

Filters

Columns: Person_SexName

Rows: Injured Person gender

Marks: SUM(Number ...)

Person_SexName: Unknown, Male, Female

Person_SexName	Value
Unknown	373,255
Male	348,356
Female	266,679

Data Source: person type

Death by Person Sex

Injured Person gender

Mental state of person during de...

Mental state of person during ac...

Most Injured part of person duri...

Most Injured part of person duri...

Top 10 vehi...

3 marks 3 rows by 1 column SUM(Number Of Persons Injured): 988,290

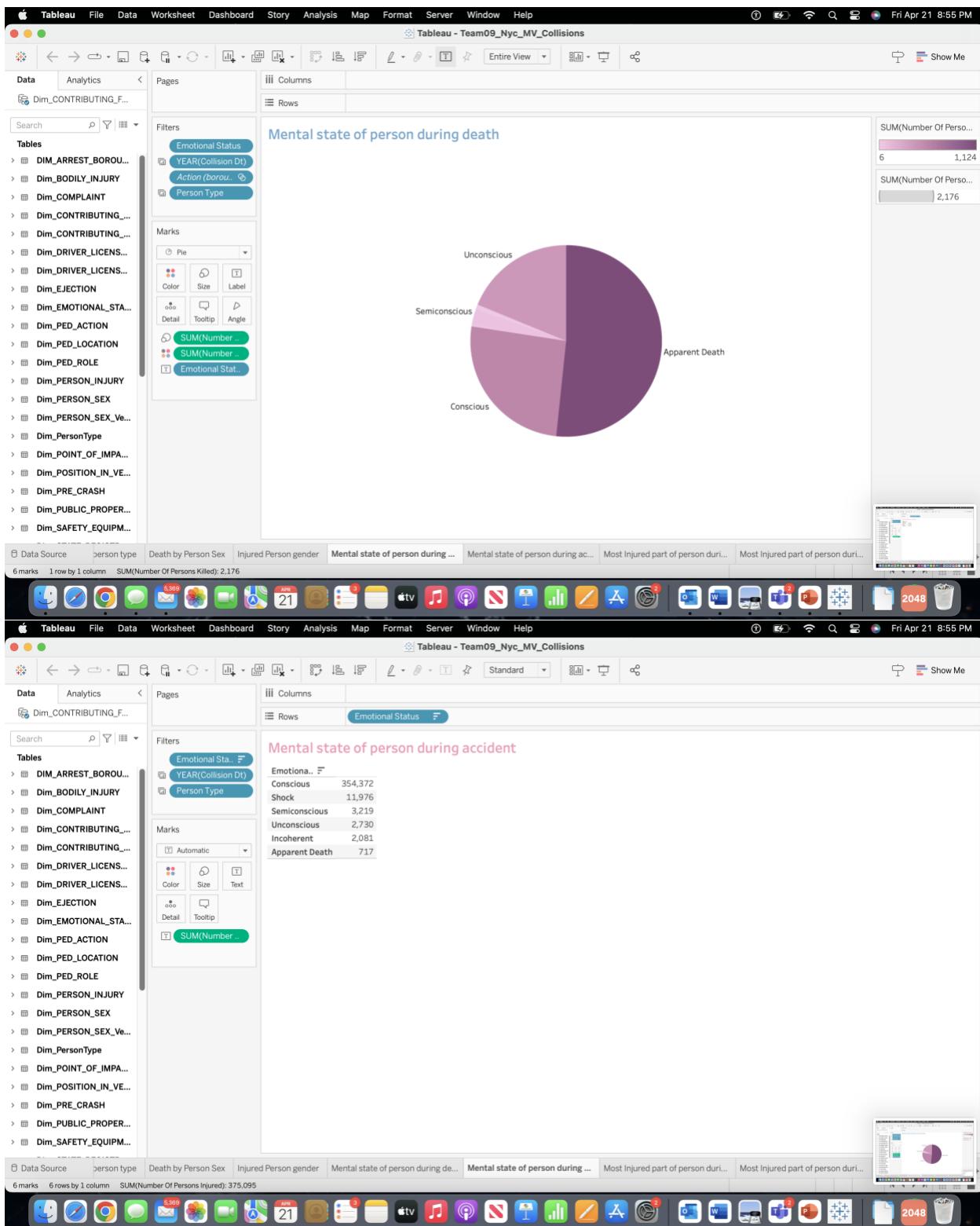


Tableau - Team09_Nyc_MV_Collisions

Standard

Filters

Marks

Most Injured part of person during Death

Bodily Injury	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Year
Head	0	0	0	0	125	161	142	127	151	173	125	<input checked="" type="checkbox"/> (All)
Entire Body	0	0	0	49	75	54	76	90	94	89	89	<input checked="" type="checkbox"/> 2012
Knee-Lower Leg Foot	0	0	0	0	11	18	11	13	19	16	17	<input checked="" type="checkbox"/> 2013
Elbow-Lower-Arm-Hand	0	0	0	5	16	5	7	12	10	16	16	<input checked="" type="checkbox"/> 2014
Chest	0	0	0	8	22	19	25	31	24	14	14	<input checked="" type="checkbox"/> 2015
Neck	0	0	0	0	13	31	13	10	17	16	13	<input checked="" type="checkbox"/> 2016
Abdomen - Pelvis				0	11	13	5	17	11	9	9	<input checked="" type="checkbox"/> 2017
Face	0	0	0	12	9	13	6	6	4	8	8	<input checked="" type="checkbox"/> 2018
Shoulder - Upper Arm				0	0	3	16	3	6	5	2	<input checked="" type="checkbox"/> 2019
Back	0	0	0	12	18	11	5	11	8	7	7	<input checked="" type="checkbox"/> 2020
Hip-Upper Leg				0	0	9	20	9	5	6	3	<input checked="" type="checkbox"/> 2021
Eye				0	1	0	0	0	0	0	0	<input checked="" type="checkbox"/> 2022

Data Source: person type

Death by Person Sex | Injured Person gender | Mental state of person during de... | Mental state of person during ac... | Most Injured part of person dur... | Most Injured part of person dur...

113 marks | 12 rows by 11 columns | SUM(Number Of Persons Killed): 2,272

Tableau - Team09_Nyc_MV_Collisions

Standard

Filters

Marks

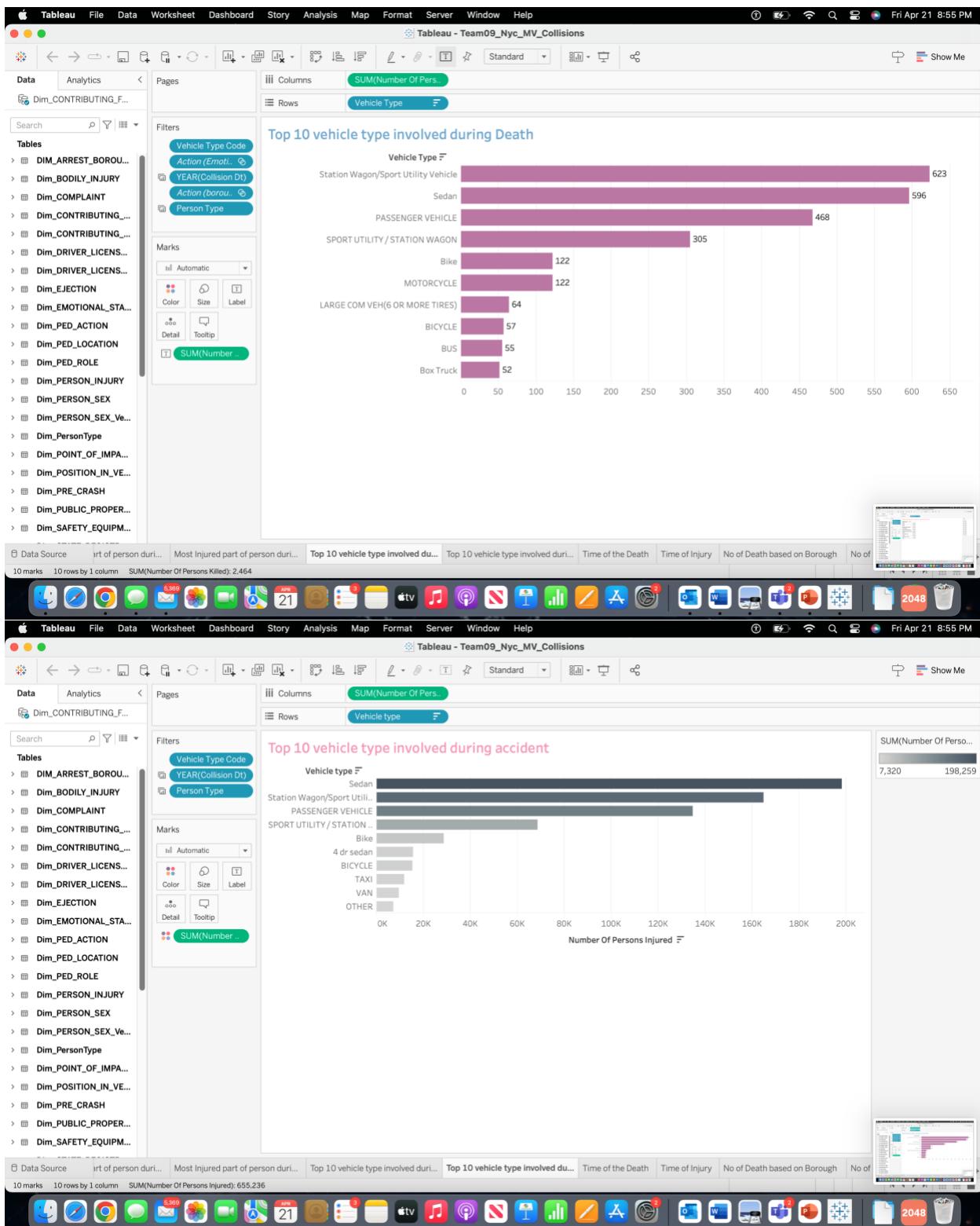
Most Injured part of person during accident

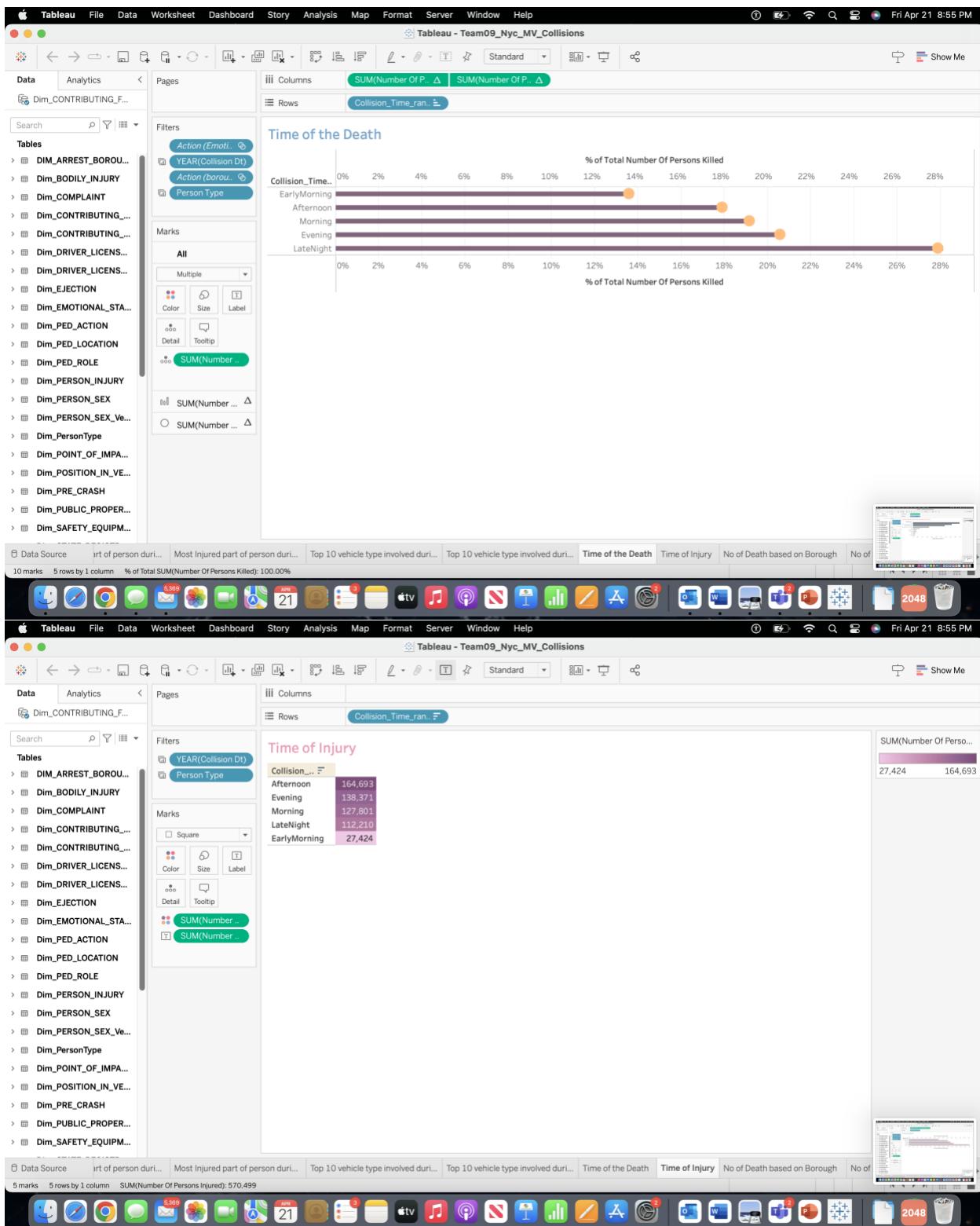
Bodily Injury	Count
Neck	91,094
Back	90,132
Head	74,401
Knee-Lower Leg Foot	74,239
Entire Body	41,051
Shoulder - Upper Arm	39,217
Elbow-Lower-Arm-Hand	36,987
Chest	24,420
Hip-Upper Leg	17,623
Face	16,492
Abdomen - Pelvis	11,125
Eye	1,342

Data Source: person type

Death by Person Sex | Injured Person gender | Mental state of person during de... | Mental state of person during ac... | Most Injured part of person dur... | Most Injured part of person dur...

12 marks | 12 rows by 1 column | SUM(Number Of Persons Injured): 518,123





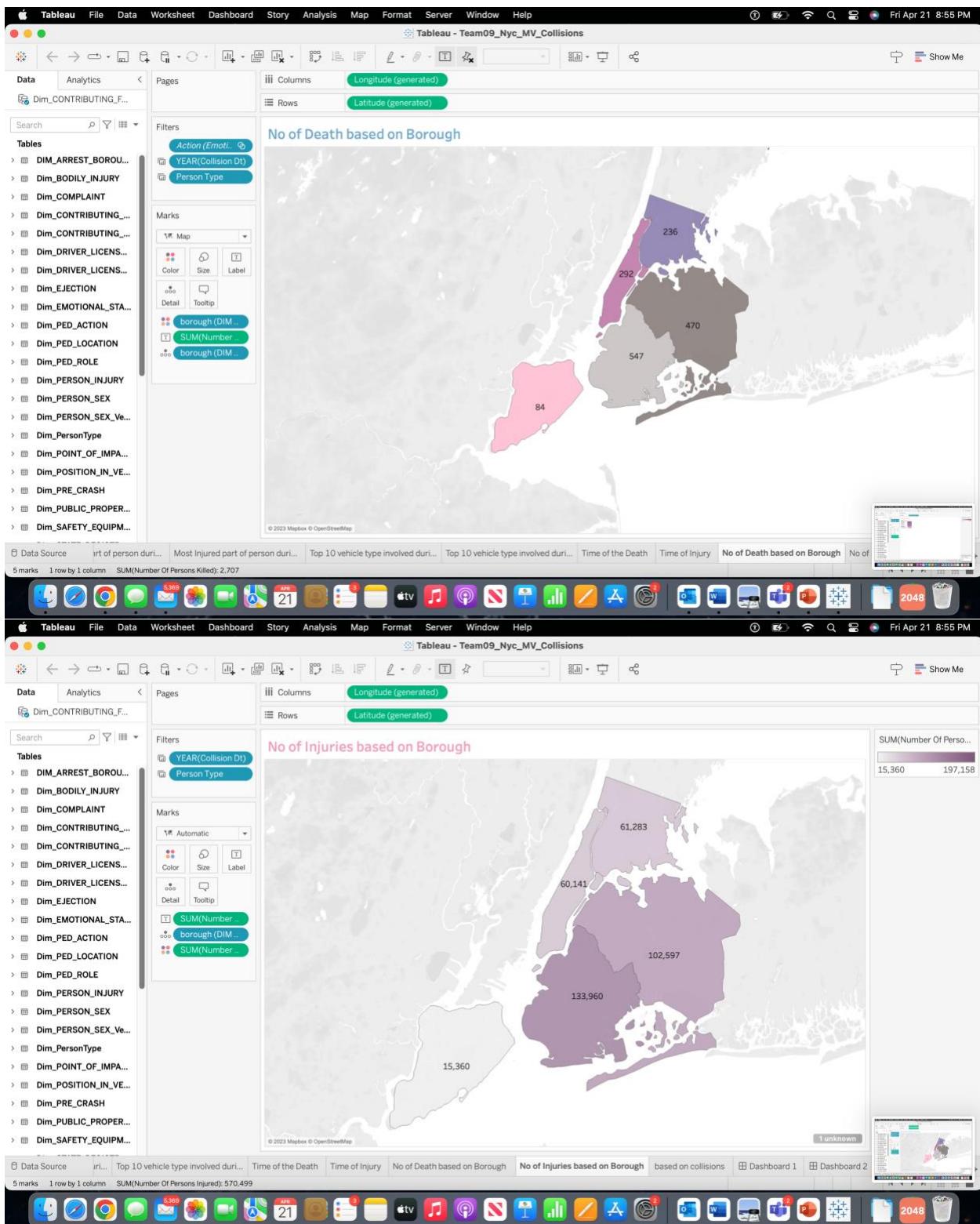


Tableau - Team09_Nyc_MV_Collisions

based on collisions

Point Of Impact	CNT(fct_collisions)
Center Back End	1,501,052
Center Front End	671,740
Right Front Bumper	211,070
Left Front Bumper	190,020
Right Rear Quarter Panel	166,337
Right Side Door	131,216
Left Rear Quarter Panel	125,064
Left Front Quarter Panel	121,789
Left Rear Bumper	68,104
Right Front Quarter Panel	60,477
Roof	52,006
Right Rear Bumper	35,189
Other	33,543
Left Side Doors	24,201
No Damage	14,938
Trailer	4,091
Overturned	976
Undercarriage	740
Demolished	522

Data Source: Top 10 vehicle type involved during death

19 marks 19 rows by 1 column SUM of CNT(fct_crashes_vehicles): 3,413,075

Deaths by Person Type

Top 10 vehicle type involved during Death

Vehicle Type	CNT(fct_crashes_vehicles)
Station Wagon/Sport Utility Vehicle	623
Sedan	596
PASSENGER VEHICLE	468
SPORT UTILITY / STATION WAGON	305
Bike	122
MOTORCYCLE	122
LARGE COM VEH(6 OR MORE TIRES)	64
BICYCLE	57
BUS	55
Box Truck	52

Death by Person Sex

Sex	2012	2013	2014
Female	0	0	0
Male	0	0	0
Unknown	0	0	0

Time of the Death

Collision_Time..	% of Total Number Of ..
EarlyMorning	~10%
Afternoon	~10%
Morning	~10%
Evening	~10%
Unspecified	~10%

Most Injured part of person during Death

Injury Part	2012	2013	2014	2015
Bodily Injury	0	0	0	0
Head	0	0	0	0
Entire Body	0	0	0	0
Knee-Lower..	0	0	0	0
Elbow-Low..	0	0	0	0
Chest	0	0	0	0
Neck	0	0	0	0
Abdomen - ..	0	0	0	0
Face	0	0	0	0
Shoulder - ..	0	0	0	0
Back	0	0	0	0
Hip-Upper L..	0	0	0	0
Eye	0	0	0	0

No of Death based on Borough

Mental state of person during death

Dashboard 1 | Dashboard 2 | Dashboard 3

