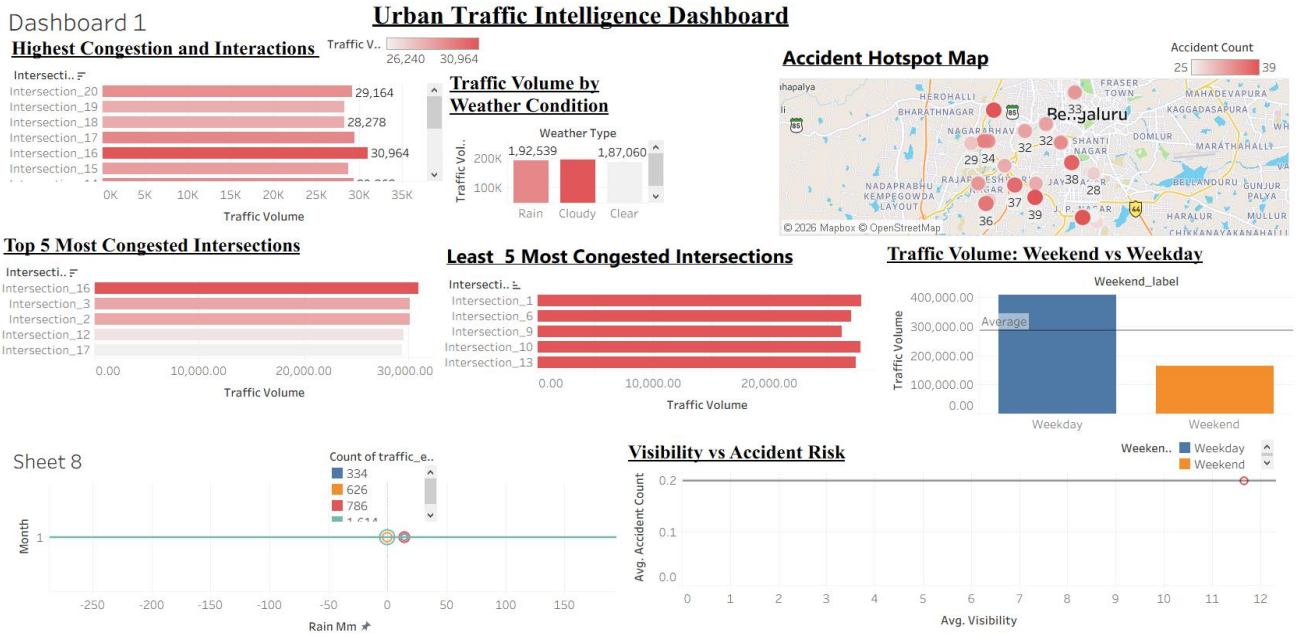
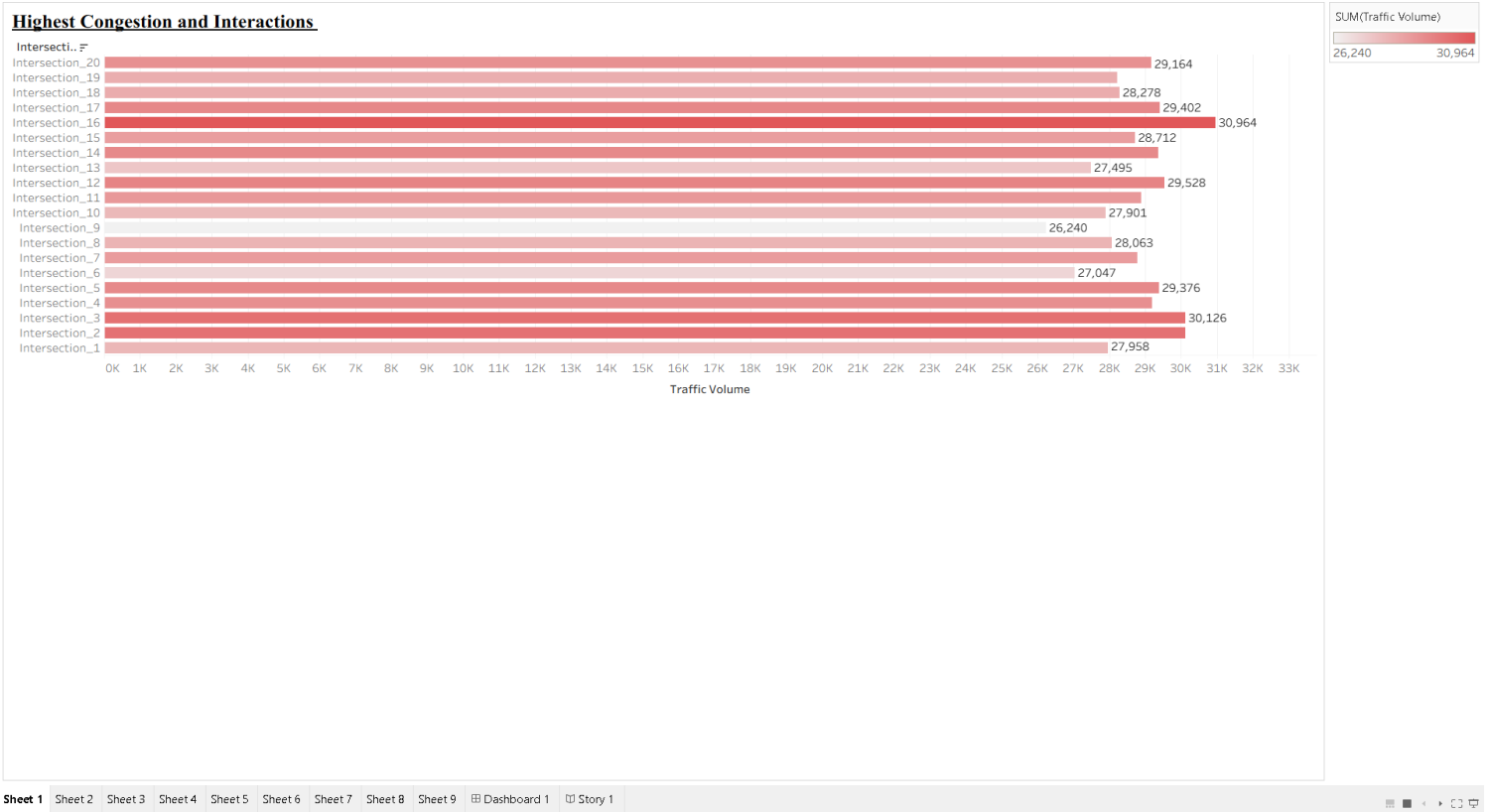
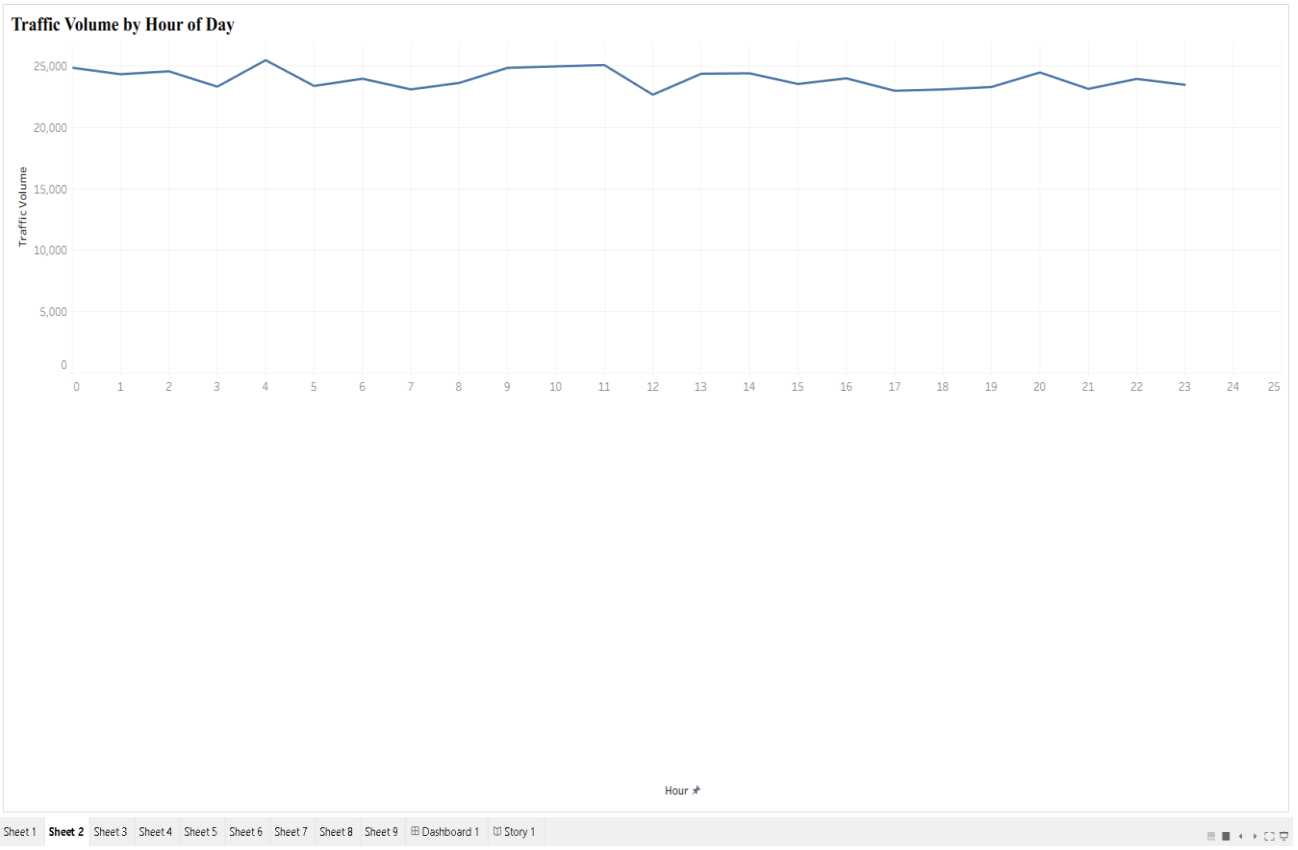
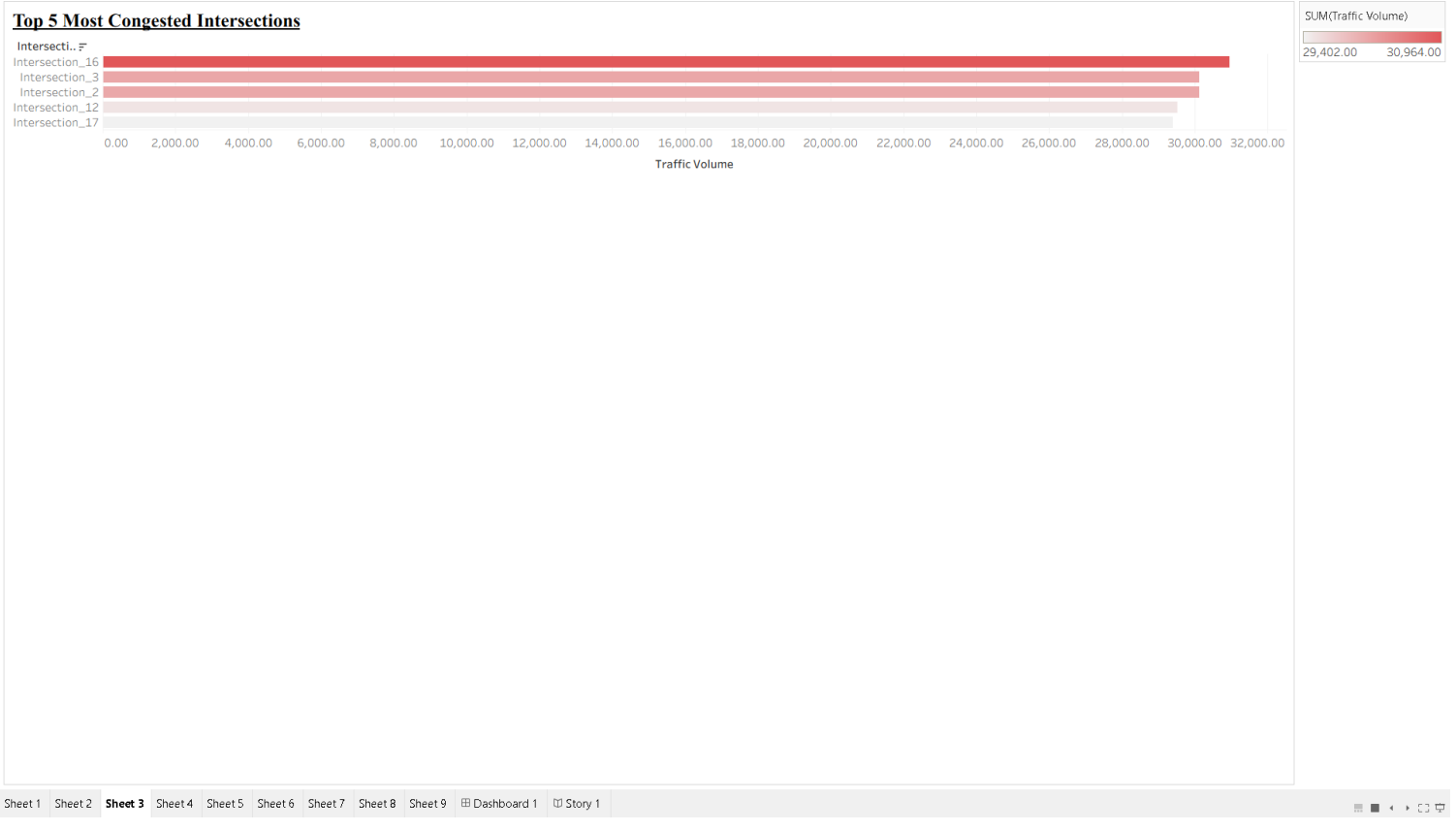
Urban Traffic Intelligence Dashboard
Data-Driven Analysis of City Congestion & Risk Patterns

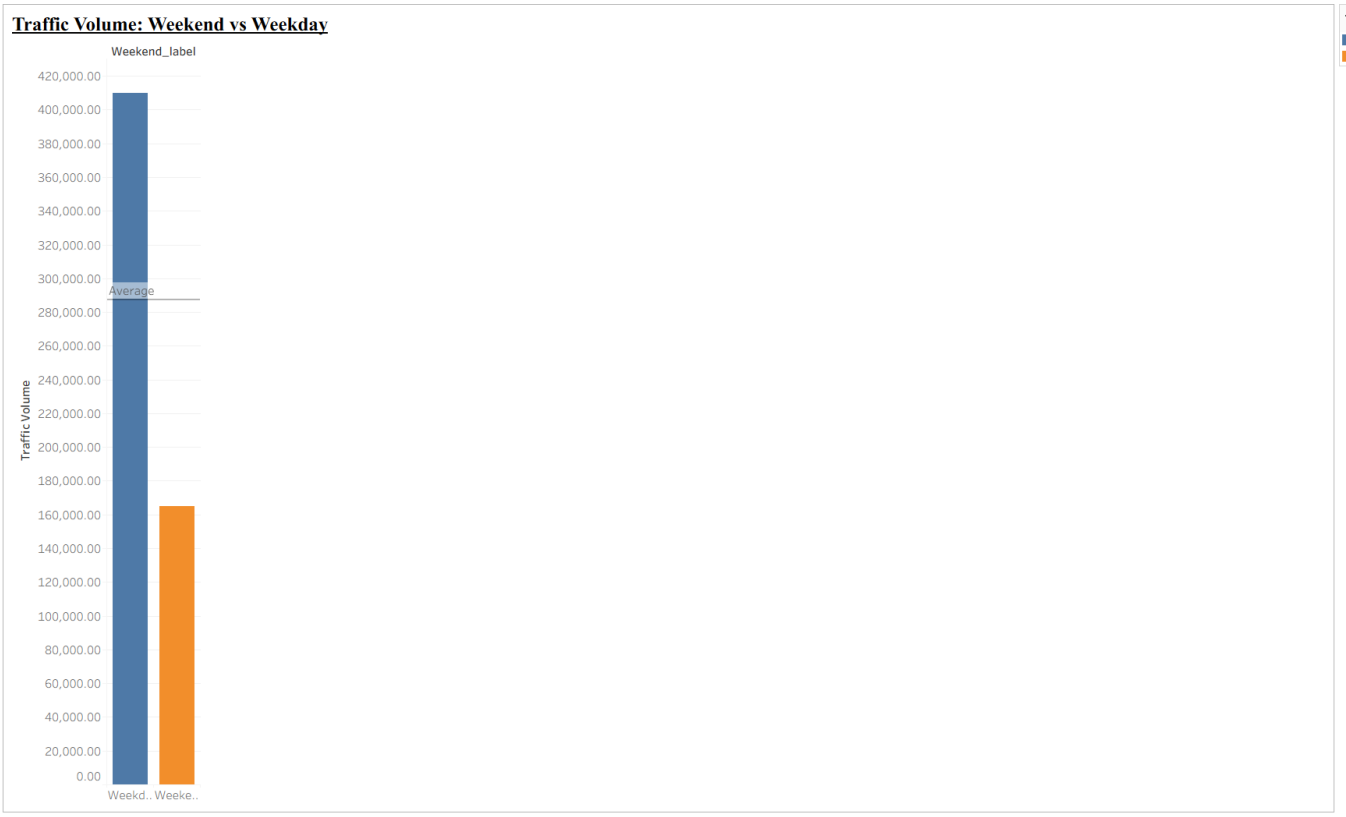





Traffic Volume by Hour of Day
25,000
20,000
15,000
10,000
5,000
0
Traffic Volume
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
Hour
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Story 1

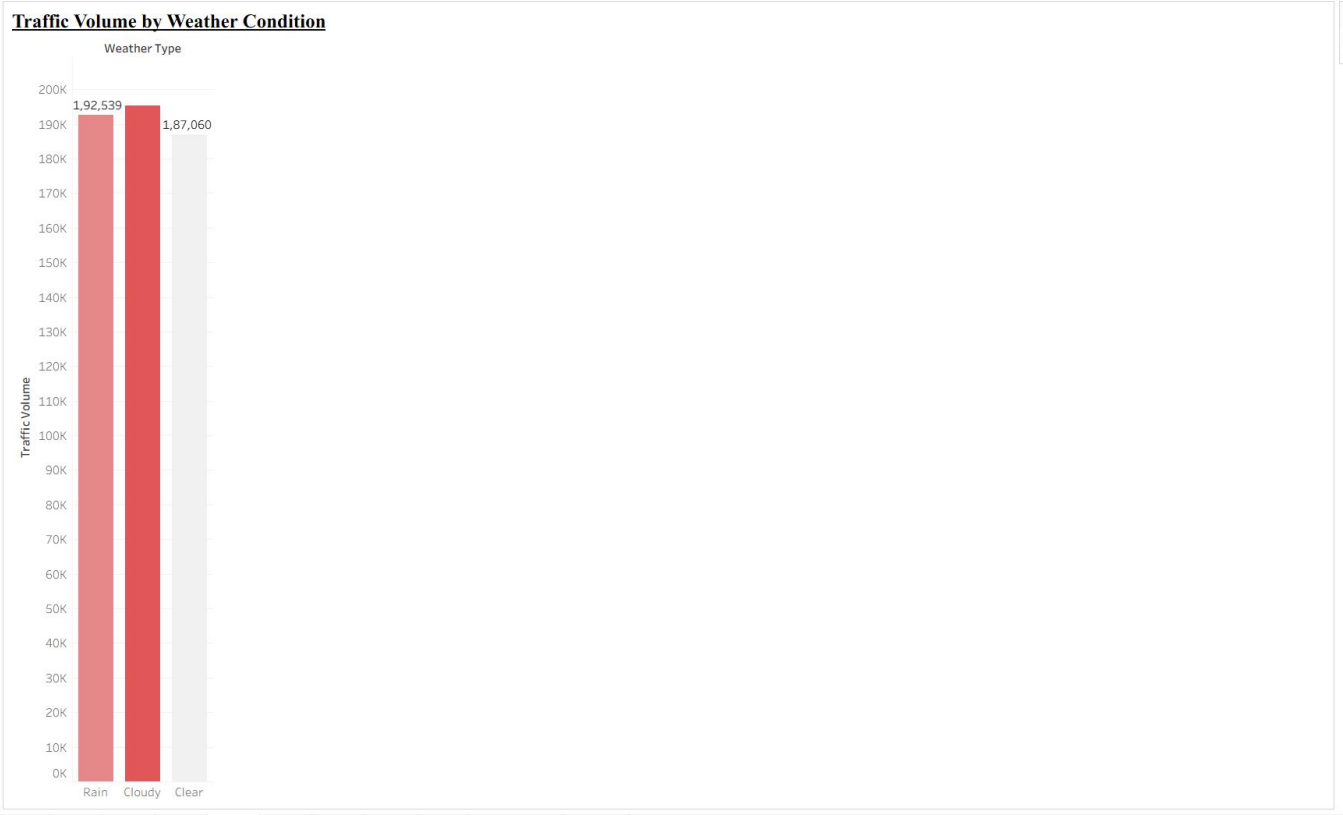

Top 5 Most Congested Intersections
Intersecti..
Intersection_16
Intersection_3
Intersection_2
Intersection_12
Intersection_17
0.00 2,000.00 4,000.00 6,000.00 8,000.00 10,000.00 12,000.00 14,000.00 16,000.00 18,000.00 20,000.00 22,000.00 24,000.00 26,000.00 28,000.00 30,000.00 32,000.00
Traffic Volume
SUM(Traffic Volume)
29,402.00 30,964.00
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Story 1

Traffic Volume: Weekend vs Weekday



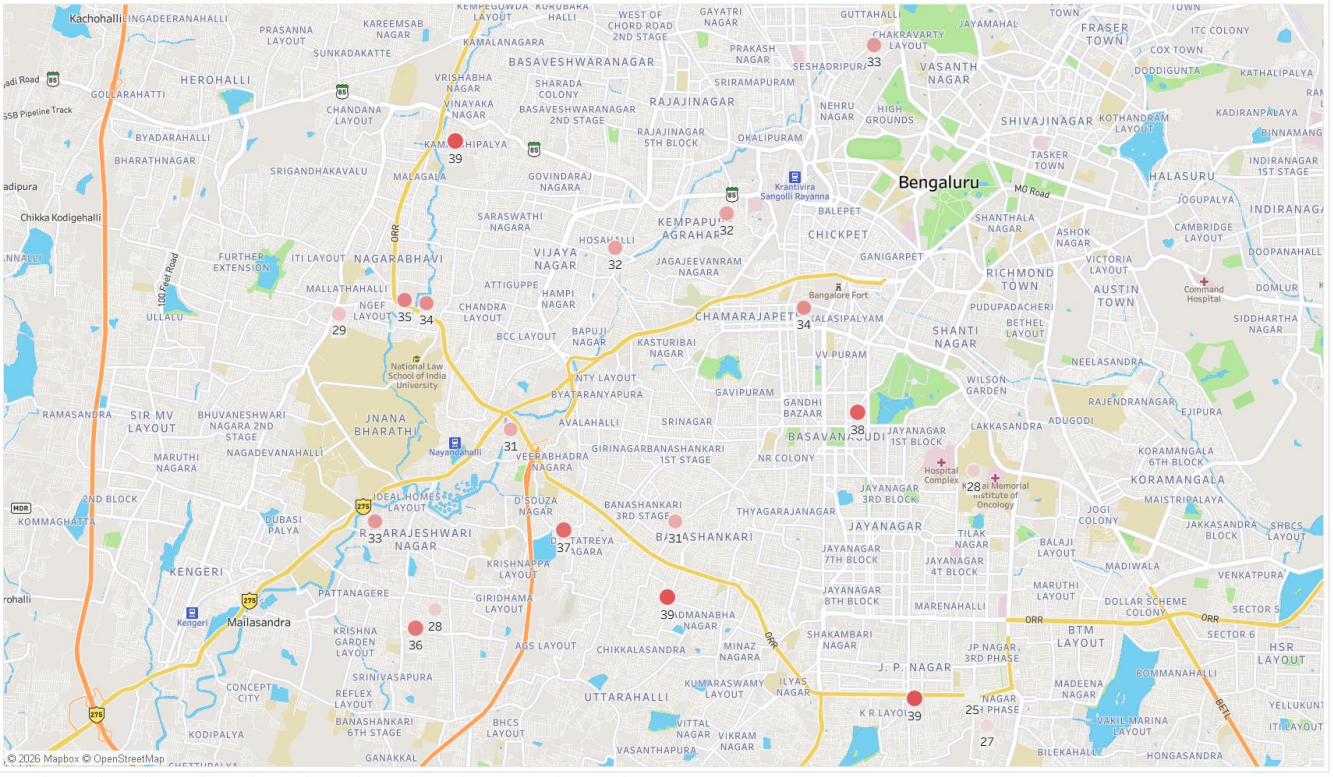
Sheet 1 | Sheet 2 | Sheet 3 | **Sheet 4** | Sheet 5 | Sheet 6 | Sheet 7 | Sheet 8 | Sheet 9 | Dashboard 1 | Story 1

Traffic Volume by Weather Condition



Sheet 1 | Sheet 2 | Sheet 3 | Sheet 4 | **Sheet 5** | Sheet 6 | Sheet 7 | Sheet 8 | Sheet 9 | Dashboard 1 | Story 1

Accident Hotspot Map



SUM(Accident Count)

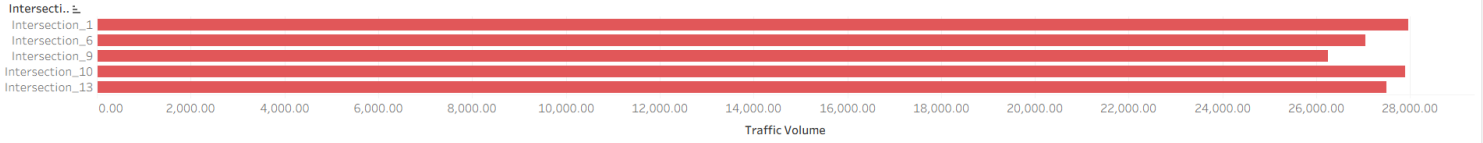
25 39

SUM(Accident Count)

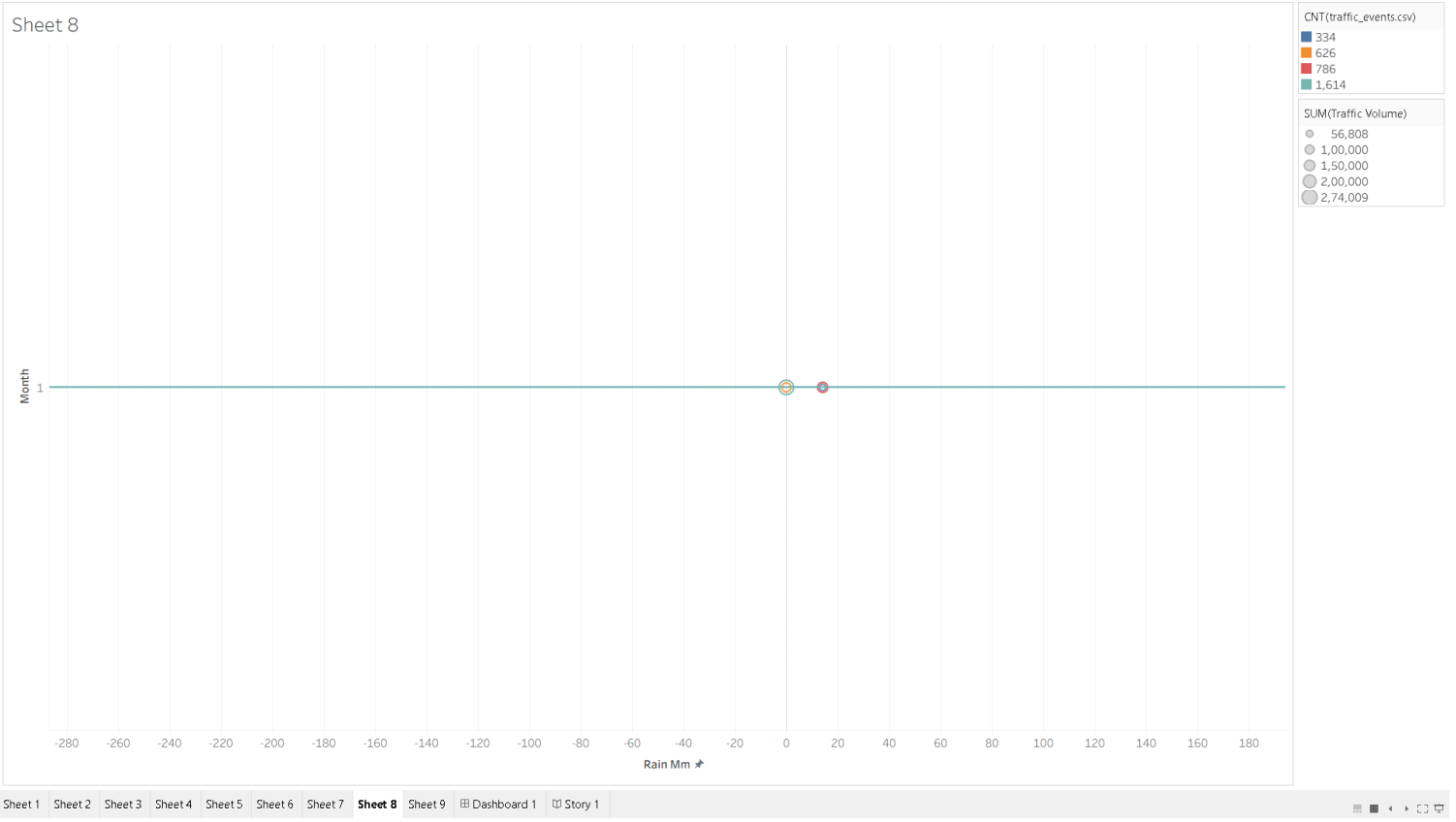
25
30
35
39

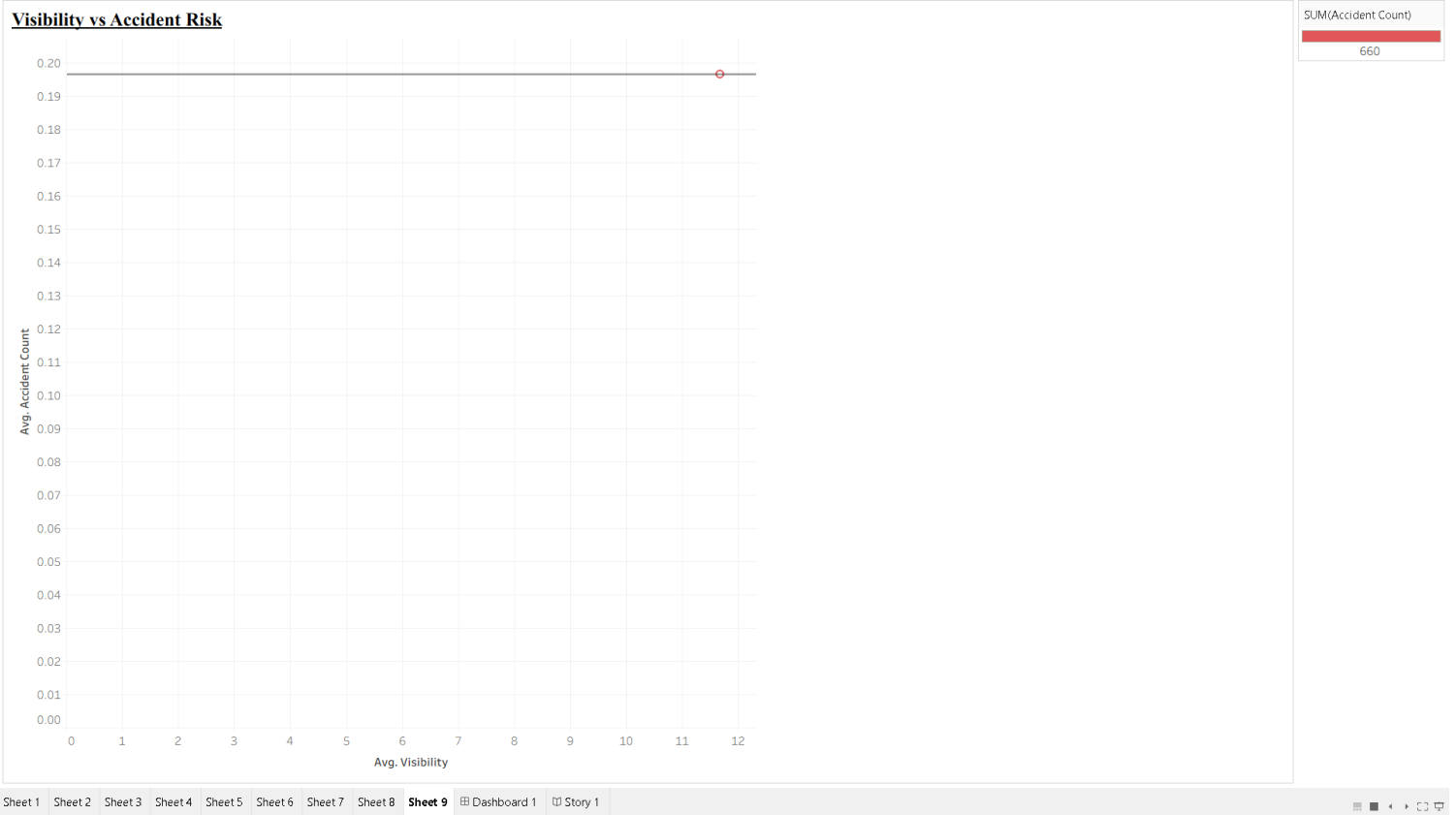
Sheet 1 | Sheet 2 | Sheet 3 | Sheet 4 | Sheet 5 | **Sheet 6** | Sheet 7 | Sheet 8 | Sheet 9 | Dashboard 1 | Story 1

Least 5 Most Congested Intersections



Sheet 1 | Sheet 2 | Sheet 3 | Sheet 4 | Sheet 5 | Sheet 6 | **Sheet 7** | Sheet 8 | Sheet 9 | Dashboard 1 | Story 1


Sheet 8
CNT(traffic_events.csv)
334
626
786
1,614
SUM(Traffic Volume)
56,808
1,00,000
1,50,000
2,00,000
2,74,009
Month
1
-280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180
Rain Mm
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Story 1


Visibility vs Accident Risk
SUM(Accident Count)
660
Avg. Accident Count
0.20 0.19 0.18 0.17 0.16 0.15 0.14 0.13 0.12 0.11 0.10 0.09 0.08 0.07 0.06 0.05 0.04 0.03 0.02 0.01 0.00
0 1 2 3 4 5 6 7 8 9 10 11 12
Avg. Visibility
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Story 1