Dhaula Kuan
Delhi

2292958
SouthWestDelhi Total Population

IRED REPORT
DHAULA KUAN
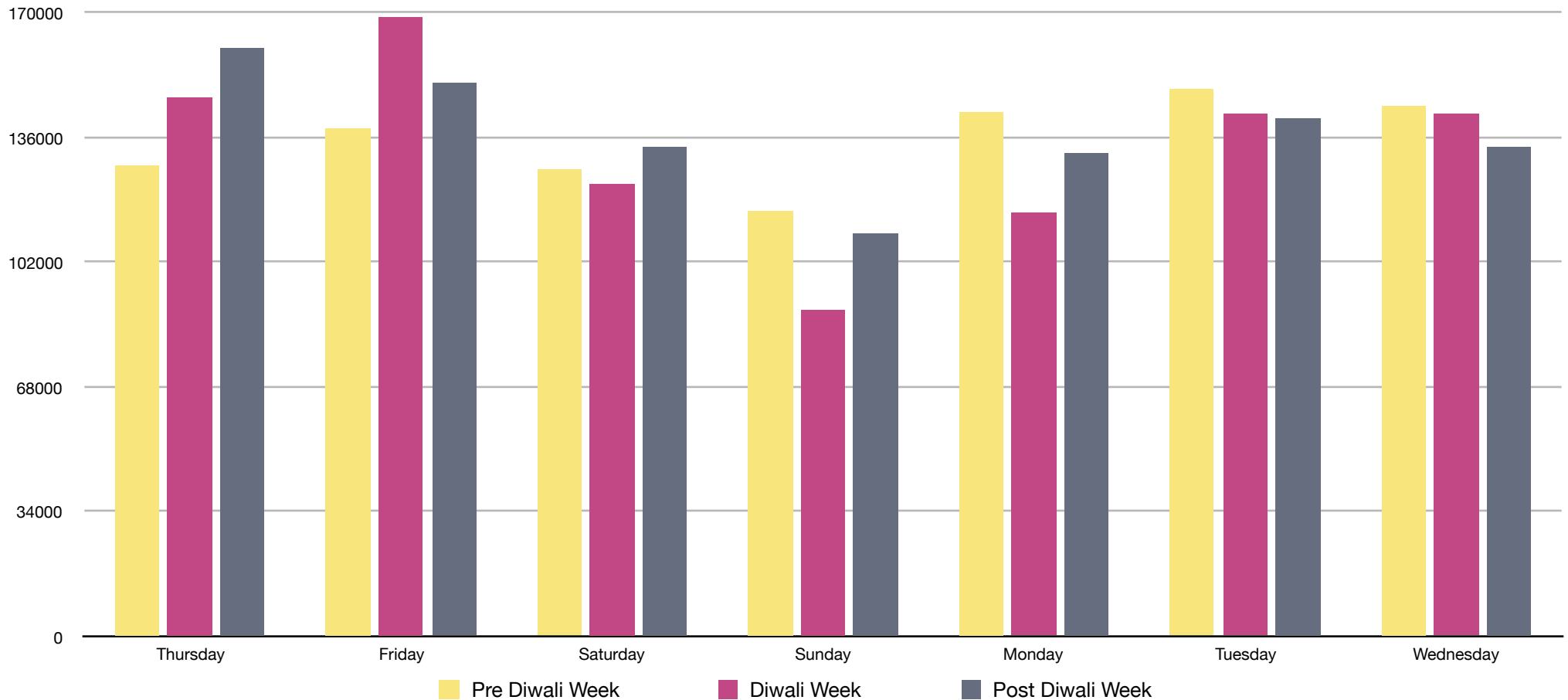
1,246,046
Male

1,046,912
Female

88.3%
Literacy rate

DAY-WISE COMPARISON

The graph below shows analysis of traffic count done for pre Diwali, Diwali and post Diwali week and outliers are noticed on Friday and Sunday of Diwali week.


Legend:
- Pre Diwali Week
- Diwali Week
- Post Diwali Week

PECULIARITY DURING DIWALI

On analyzing the traffic data count, we conclude that during Diwali week there was a sudden change in the usual traffic trend. On Friday prior to Diwali the count increased, while on the day of festival itself (Sunday), the traffic count dropped in an unusual manner .

Date	Pre Diwali Week	Diwali Week	Post Diwali Week
Thursday	128220	146760	160140
Friday	138420	168540	150600
Saturday	126960	123000	133620
Sunday	115860	88860	109680
Monday	143160	115140	131820
Tuesday	149160	142500	141180
Wednesday	144360	142440	133620

WEEKLY TREND

| | 168540 | | 88860 | | | | | |

Pre Diwali Week　　　　　Diwali Week　　　　　Post Diwali Week
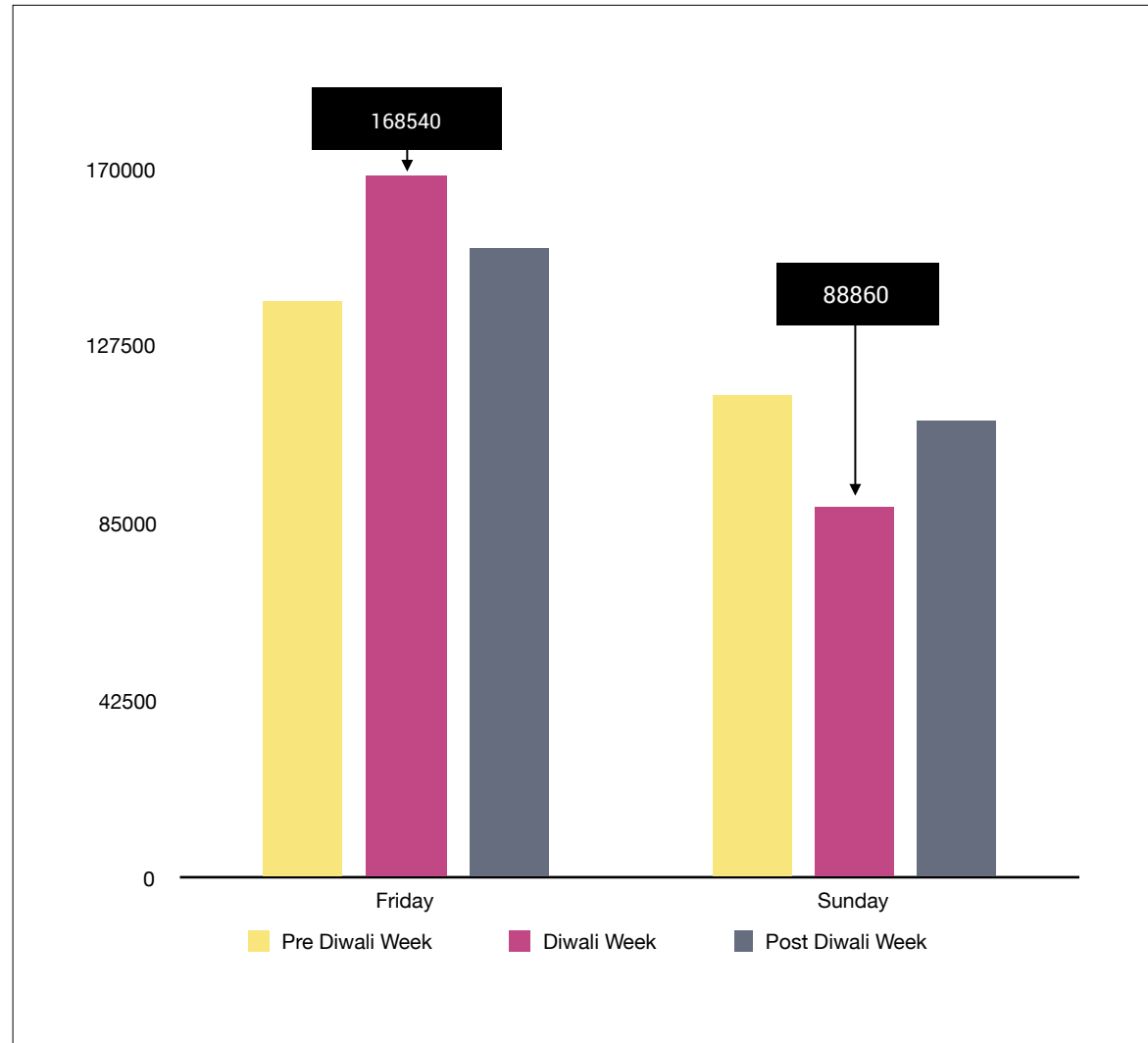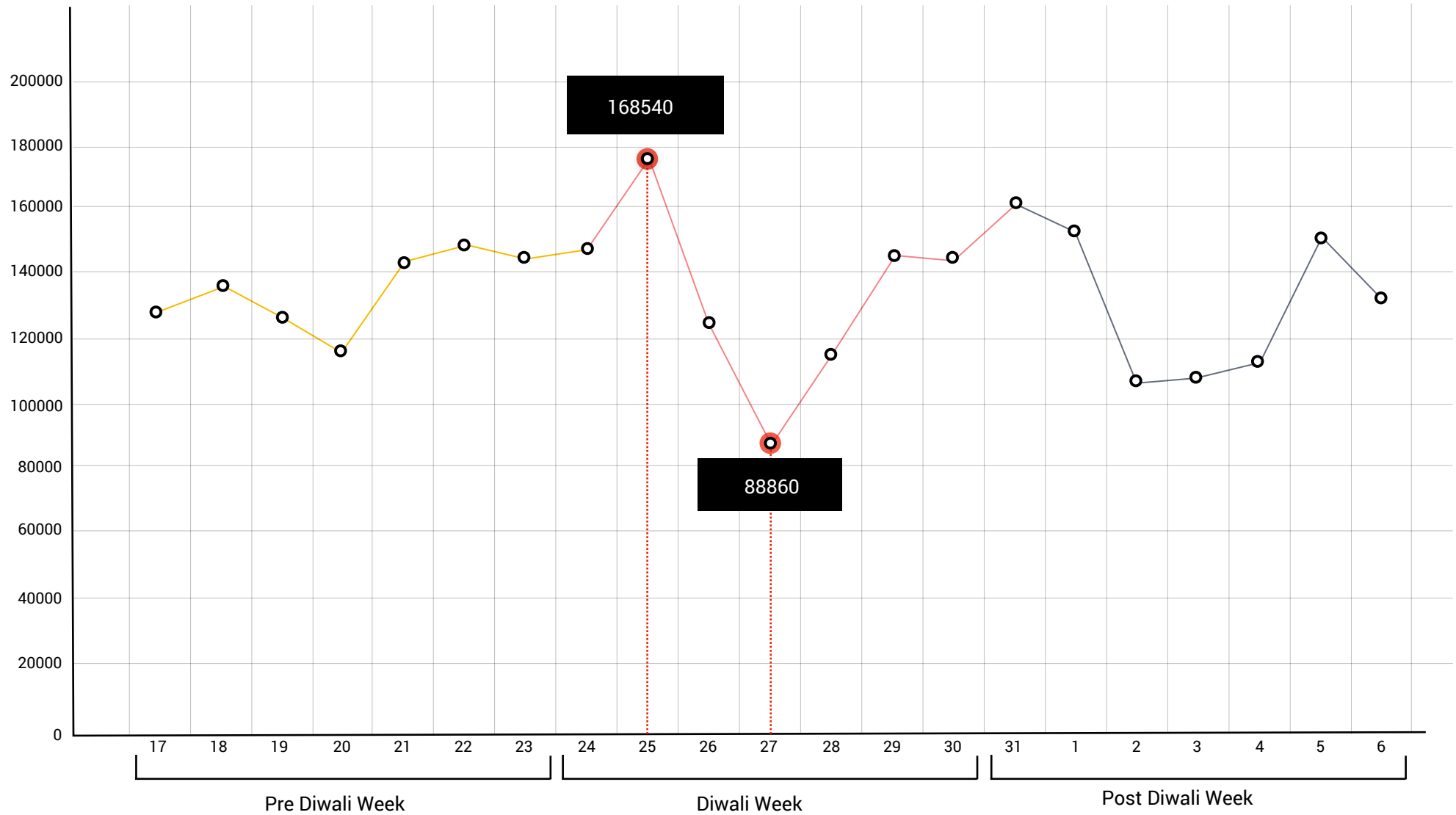
HOUR-WISE REPORT

PRE DIWALI WEEK

Pre Diwali
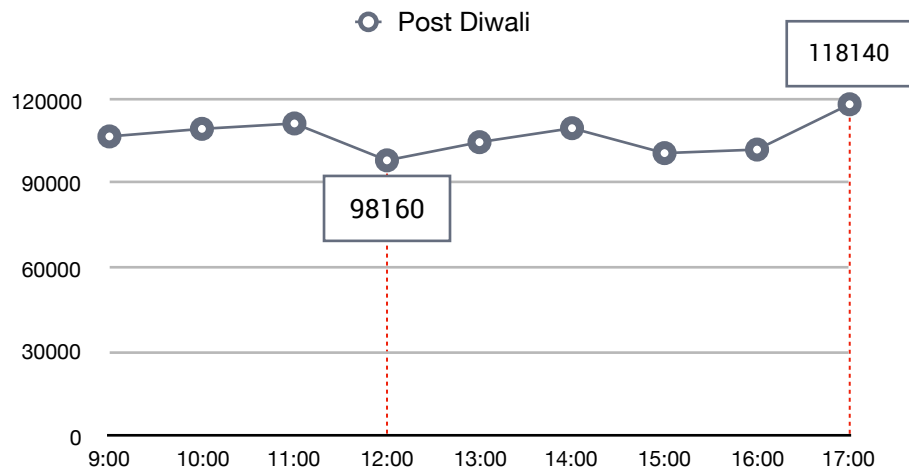
113940

92700

DIWALI WEEK

Diwali Week

110304

90240

POST DIWALI WEEK

Post Diwali

118140

98160
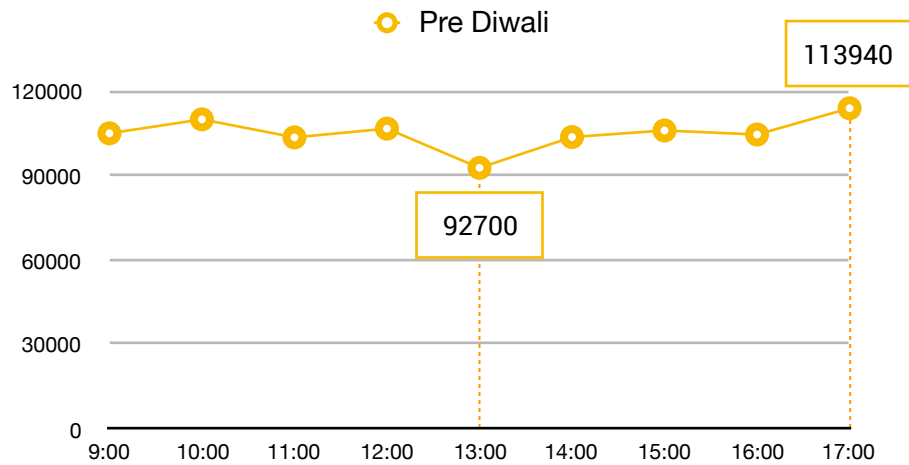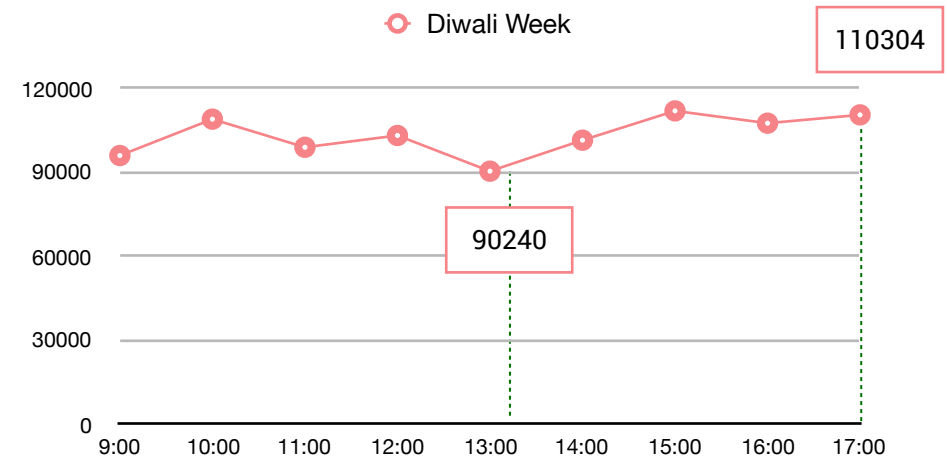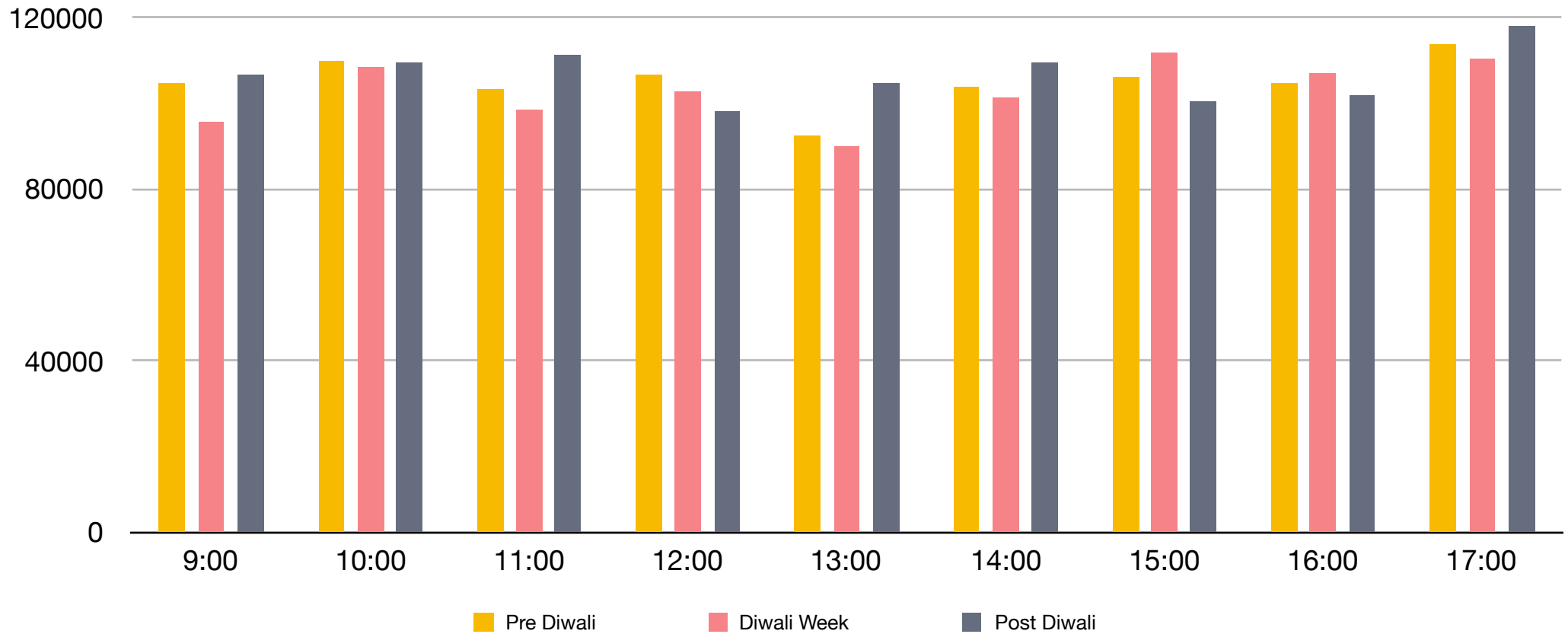
Peak hours of the day are taken into consideration to carry out the hourly analysis of the traffic count during Pre -Diwali, Diwali and Post Diwali week.

HOUR-WISE COMPARISON

Pre Diwali Diwali Week Post Diwali

TABULAR PRESENTATION

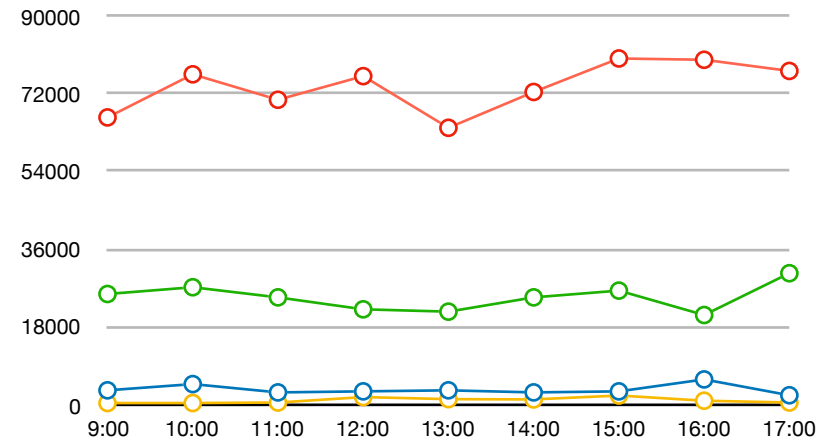| Time	Pre Diwali Week	Diwali Week	Post Diwali Week
9:00AM-10:00AM	105000	95820	106680
10:00AM-11:00AM	109980	108780	109380
11:00AM-12:00PM	103560	98760	111300
12:00PM-1:00PM	106680	102960	98160
1:00PM-2:00PM	92700	90240	104640
2:00PM-3:00PM	103680	101280	109620
3:00PM-4:00PM	106020	111720	100740
4:00PM-5:00PM	104580	107340	102000
5:00PM-6:00PM	113940	100340	118140

CATEGORY-WISE REPORT

○ Car   ○ Bus   ○ Truck   ○ Motorbikes

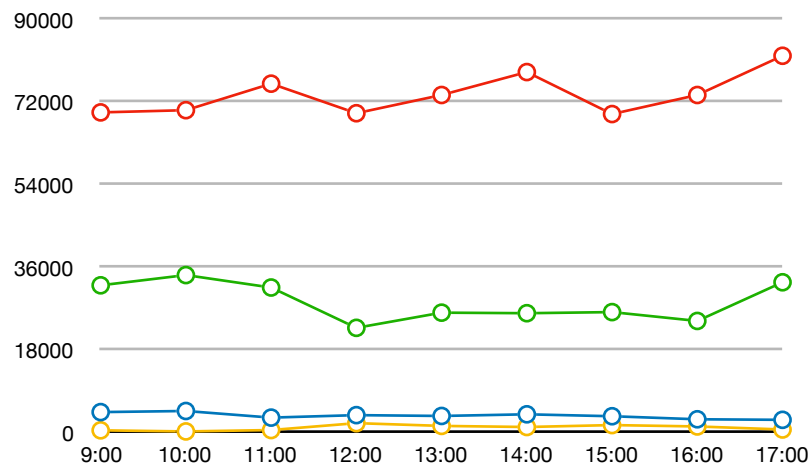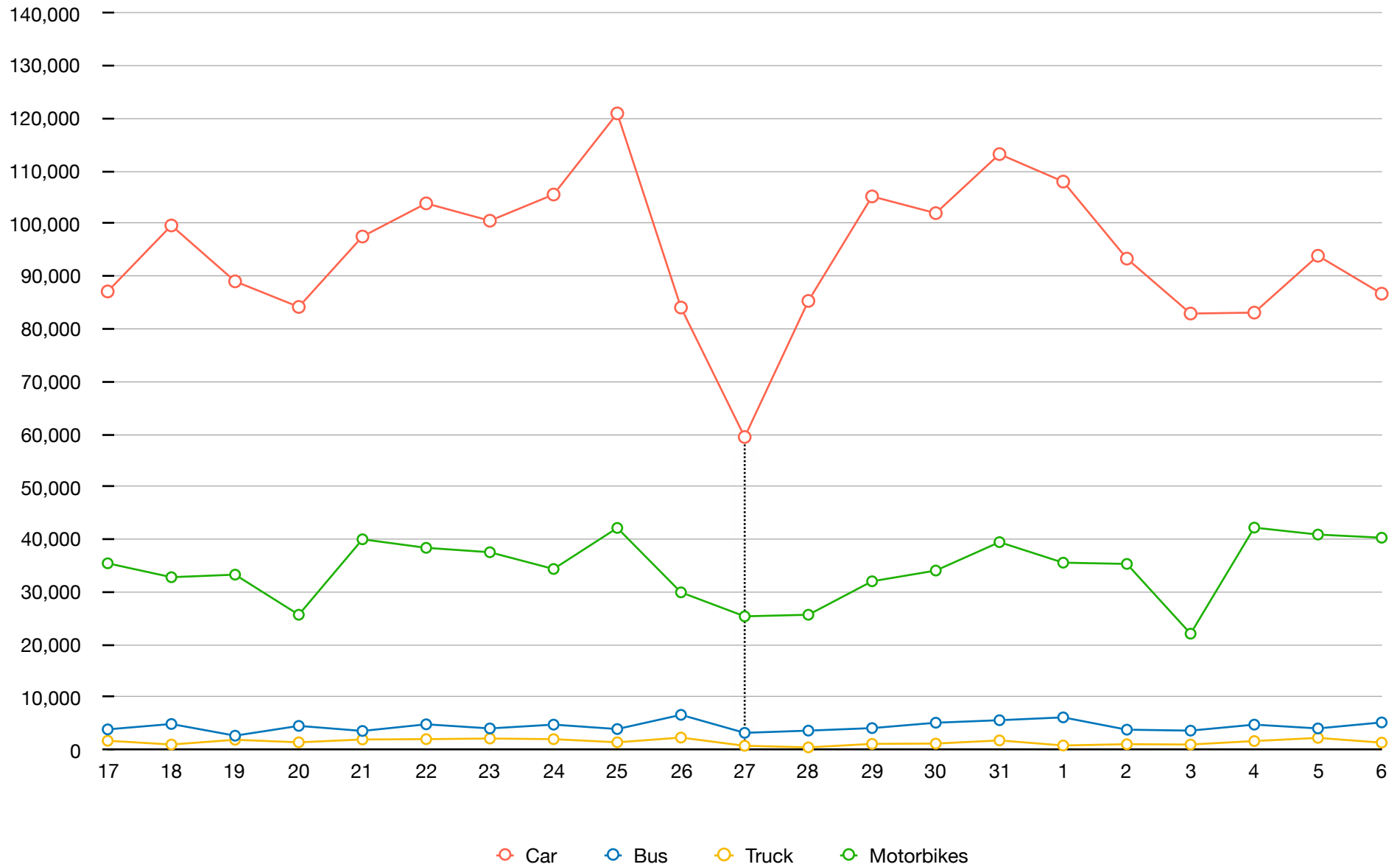**Pre Diwali Week**
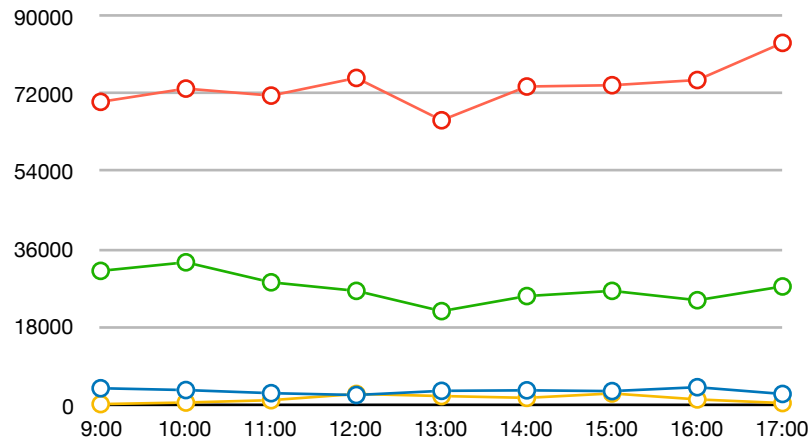
Diwali Week

Post Diwali Week

Analyzing the data obtained for various categories of vehicles, it is seen that cars have the maximum count, followed by motor bikes which are lesser than the number of cars. The least count is for buses and trucks. This type of trend is observed all throughout.

CATEGORY-WISE COMPARISON

Car ○   Bus ○   Truck ○   Motorbikes ○

	🚗	🚌	🚚	🏍
Date	Car	Bus	Truck	Motorbikes
17/10/2019	87120	3900	1740	35460
18/10/2019	99660	4920	1020	32820
19/10/2019	89040	2700	1920	33300
20/10/2019	84180	4560	1440	25680
21/10/2019	97560	3600	1980	40020
22/10/2019	103860	4860	2040	38400
23/10/2019	100560	4080	2160	37560
24/10/2019	105540	4800	2040	34380
25/10/2019	120960	3960	1440	42180
26/10/2019	84060	6660	2340	29940
27/10/2019	59460	3240	780	25380
28/10/2019	85320	3660	480	25680
29/10/2019	105180	4140	1140	32040
30/10/2019	102000	5160	1200	34080
31/10/2019	113220	5640	1800	39480
1/11/2019	108000	6180	840	35580
2/11/2019	93360	3840	1080	35340
3/11/2019	82920	3660	1020	22080
4/11/2019	83100	4800	1680	42240
5/11/2019	93900	4080	2280	40920
6/11/2019	86700	5220	1380	40320

Pre Diwali Week (17/10/2019 – 23/10/2019)

Diwali Week (24/10/2019 – 30/10/2019)

Post Diwali Week (31/10/2019 – 6/11/2019)

CONCLUSION

On Flow Fluctuation

From the Weekly trend graph it is seen that traffic flow for Diwali week has the highest fluctuation as there is steep increase(Friday) and decrease(Sunday) in traffic flow.

Vehicle Density

The density of traffic for Diwali week is comparatively less than Pre Diwali and Post Diwali.

On Vehicle Composition

Vehicle composition of traffic stream comprises of cars mostly. The percentage amount of bus and truck is comparatively low.

Hourly Traffic Flow

The traffic flow for all days is maximum between 5 p.m. to 6 p.m..