FLIGHT DATA ANALYSIS
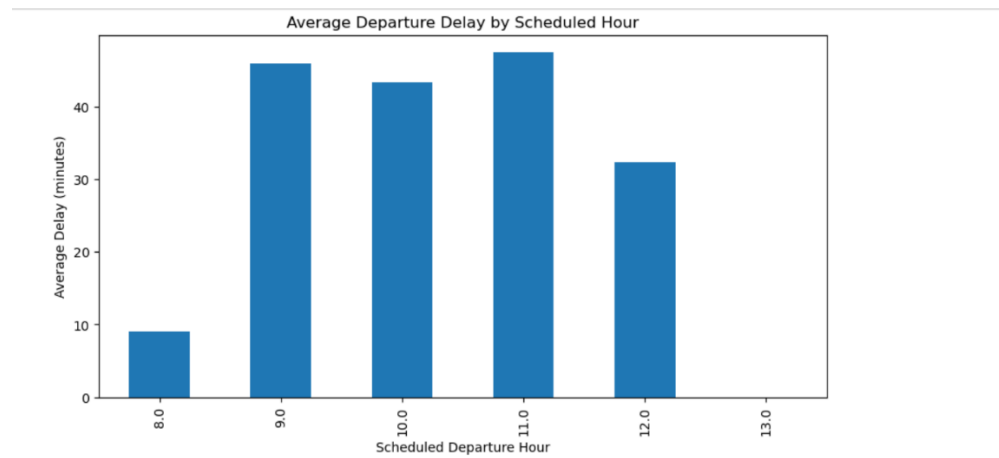
1.Average Departure Delay by Scheduled Hour
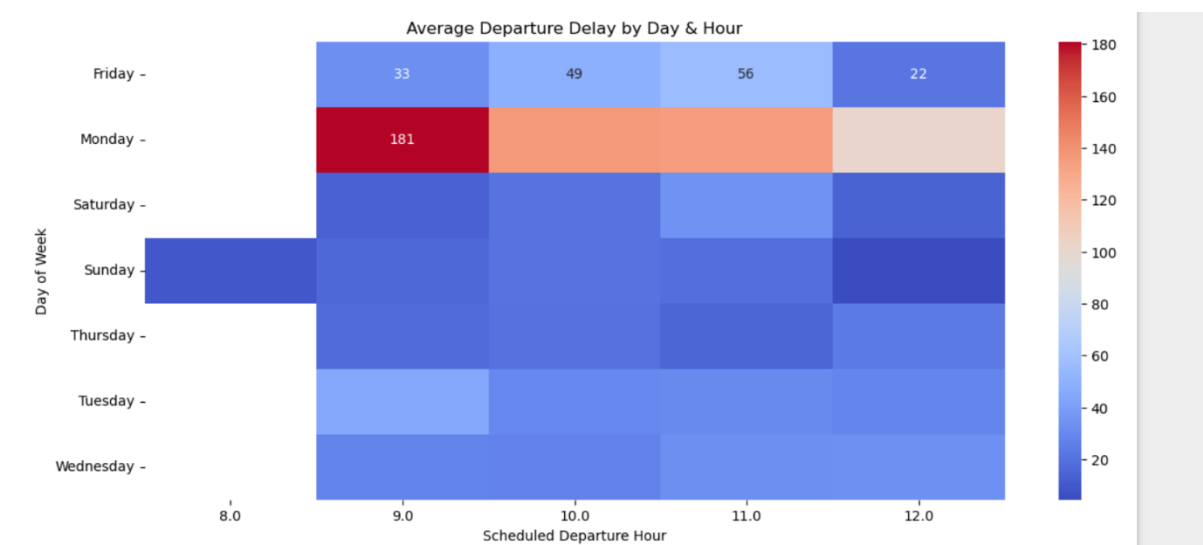

Average Departure Delay by Scheduled Hour

Number of Flights by Hour

Number of Flights by Hour

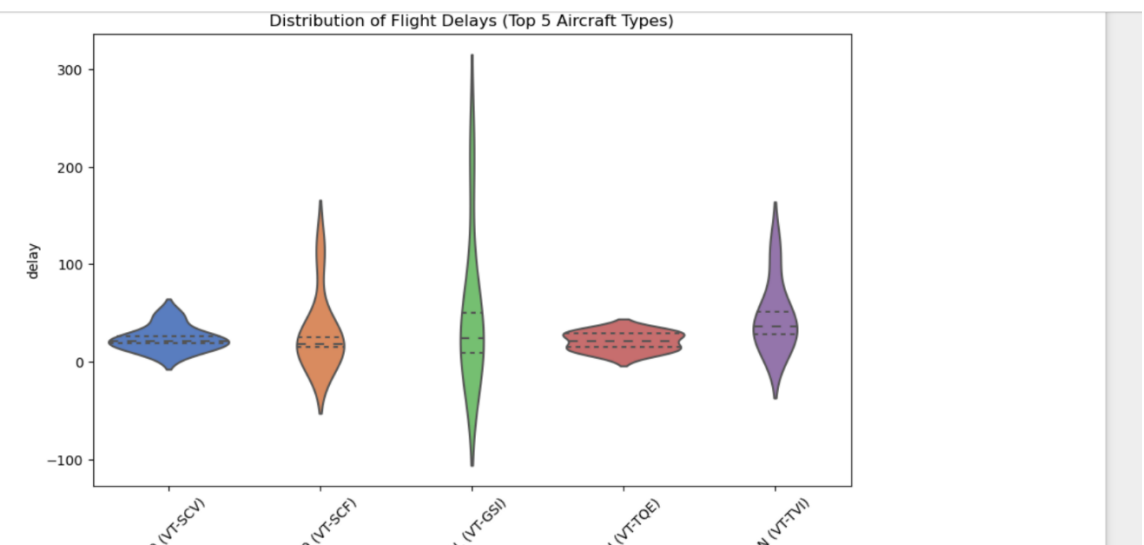## Density of Scheduled Departures (Busiest Slots)
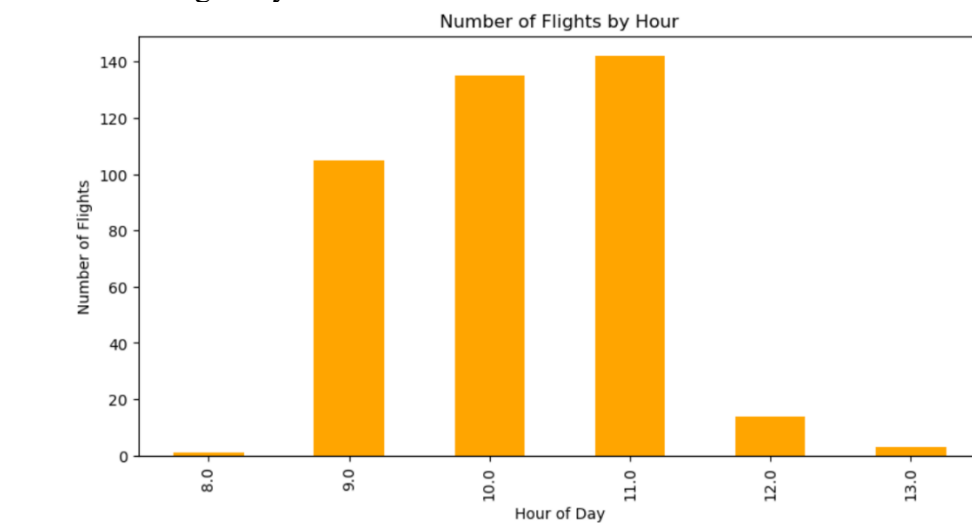
Density of Scheduled Departures (Busiest Slots)
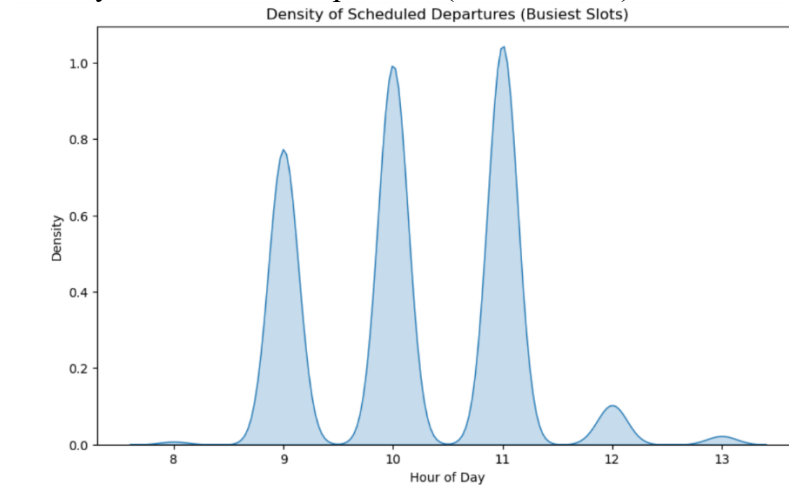
Average Departure Delay by Day & Hour

Distribution of Flight Delays (Top 5 Aircraft Types)"

DELAYS

```
[100]: print(takeoff_delay)
```

```
takeoff_hour
8.0      9.000000
9.0     45.933333
10.0    43.343284
11.0    47.457143
12.0    32.285714
13.0          NaN
Name: delay, dtype: float64
```

```
[101]: print(landing_delay)
```

```
landing_hour
10.0    51.181818
11.0    43.263158
12.0    46.795455
13.0    43.965909
14.0    43.518519
16.0    40.571429
17.0    16.000000
18.0    52.000000
19.0    39.250000
Name: delay, dtype: float64
```

Average Landing Delay by Hour of Day

Busiest Departure Slots by Hour of Day