



## Data Analysis Assessment

- The data set for this assessment can be accessed from <https://drive.google.com/file/d/1NbWRCwaQL0-fYAFM0FrGoD3-Hx-ousuT/view?usp=sharing>
- The data shows US Flight Data for the month of January 2019. Review the Data in the excel sheet and use the data to answer the questions
  - Present your answer in a PowerPoint format
  - You have 3 days to submit your responses.
- Jacob Epia Presentation.
- (Solution to all questions and an interactive dashboard)

**Question 1:** What percentage of flights that departed from 'ATL' were delayed?



**Question 2:** Using an appropriate pictorial representation, show the number of flights that arrived on time for each day of the week. (Assume Sunday is the first day of the week).

**Question 3:** What is the average distance flown by all flights departing from 'EWR'?

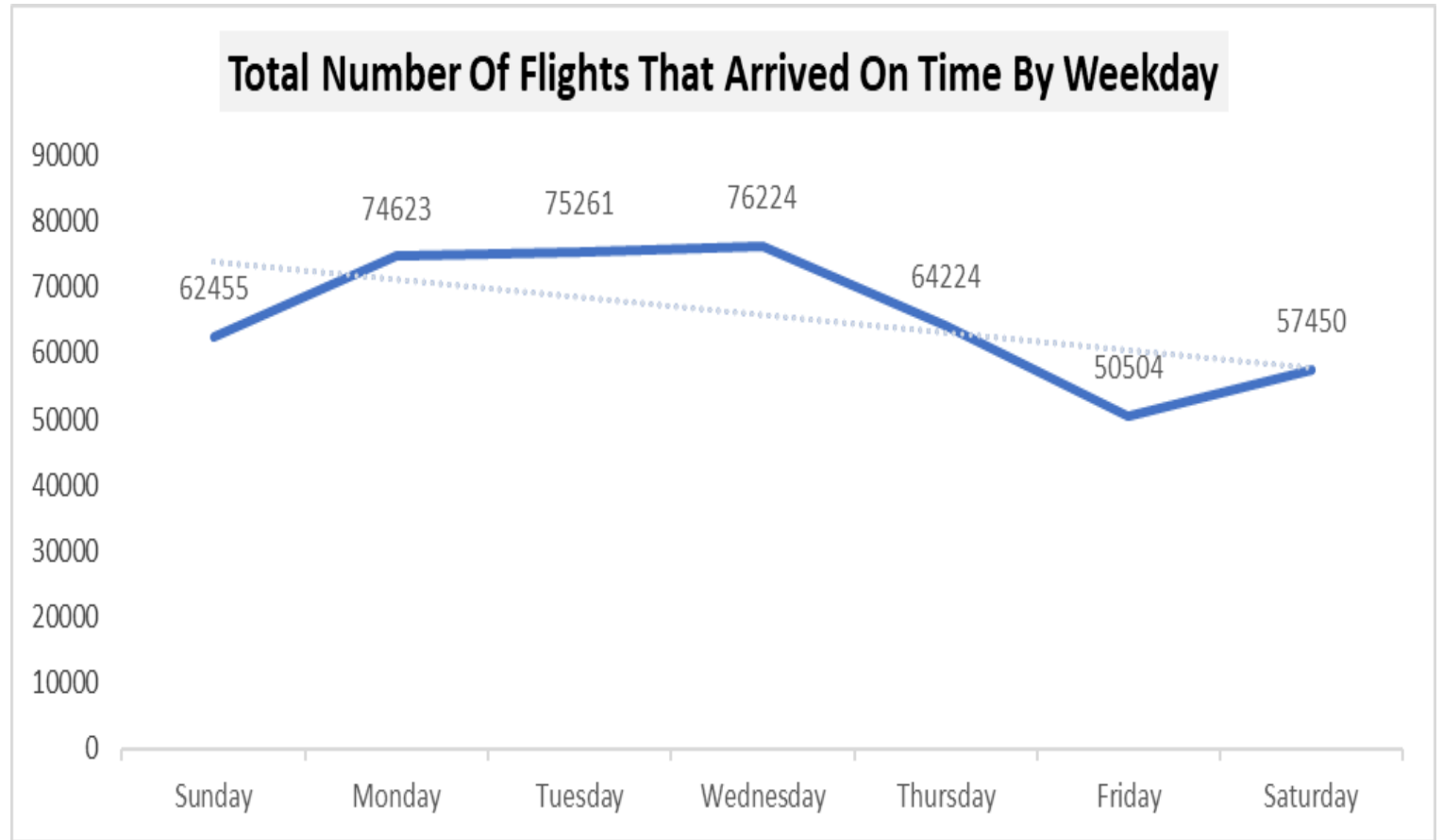
**Question 4:** Using the most appropriate pictorial representation, show the number of flights that departed late for each departure time slot between 0600am till 1159am.

**Question 5:** Using an appropriate pictorial representation, show the portion of all flights that arrived in JFK which arrived on time, cancelled or diverted.


## Solution 1

Row Labels	 Count of Origin Airport Code
 ATL	100.00%
0	85.74%
1	13.27%
(blank)	1.00%
<b>Grand Total</b>	<b>100.00%</b>

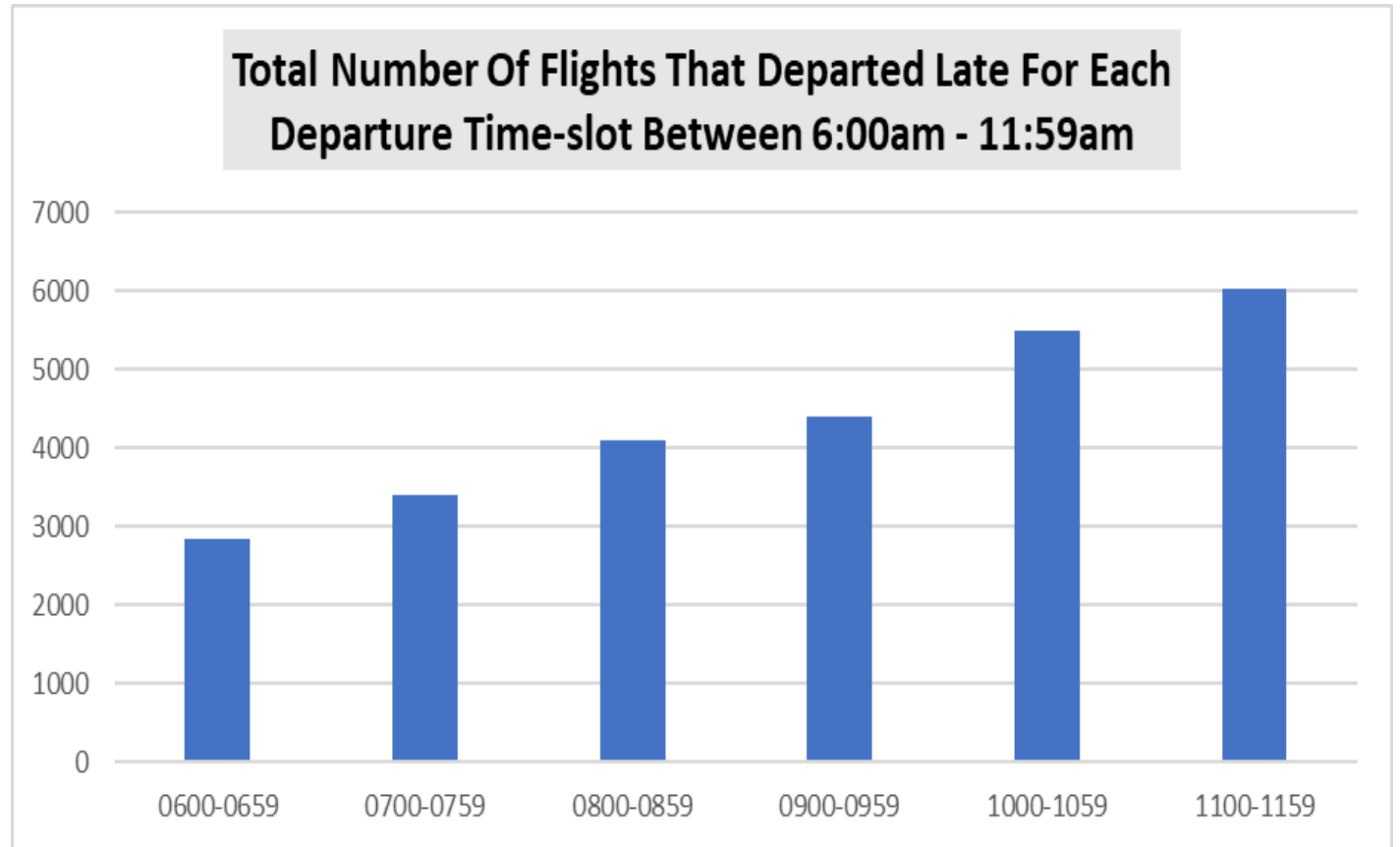
## Solution 2



## Solution 3

Row Labels	 Average of DISTANCE (miles)
EWR	1090
<b>Grand Total</b>	<b>1090</b>

## Solution 4



## Solution 5

**All Flights That Arrived In 'JFK' On Time, Cancelled & Diverted**



■ Total Arrived On Time ■ Total Cancelled ■ Total Diverted

# Dashboard Presentation

## U.S Flight Report For The Month Of January, 2019

**13.27%**

Delayed % Of Flights That  
Departed From 'ATL'

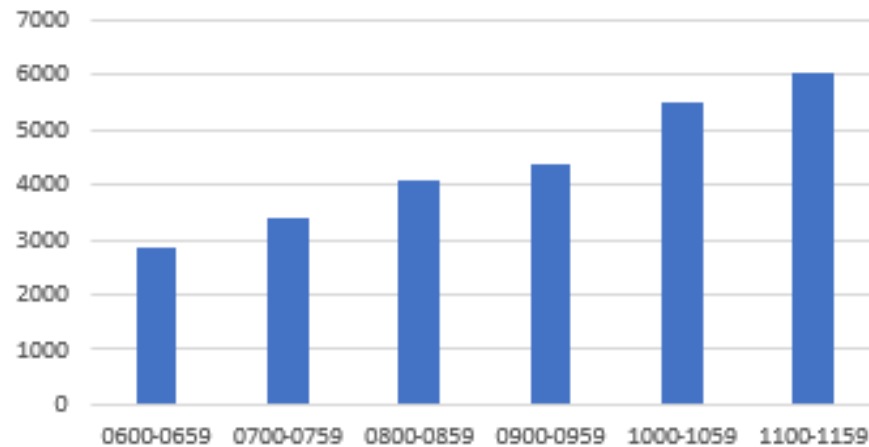
**1,090**

Average Distance Flown By All  
Flights Departing From 'EWR'

All Flights That Arrived In 'JFK' On Time, Cancelled & Diverted



Number Of Flights That Departed Late For Each  
Departure Time-slot Between 6:00am - 11:59am



Total Number Of Flights That Arrived On Time By Weekday

