Sum of DISTANCE by AIRLINE

AIRLINE	Distance
DL	1.01M
MQ	0.60M
EV	0.42M
OO	0.30M
F9	0.27M

Avg: 0.52M

0.0M   0.5M   1.0M

Average of DEPARTURE_DELAY by AIRLINE

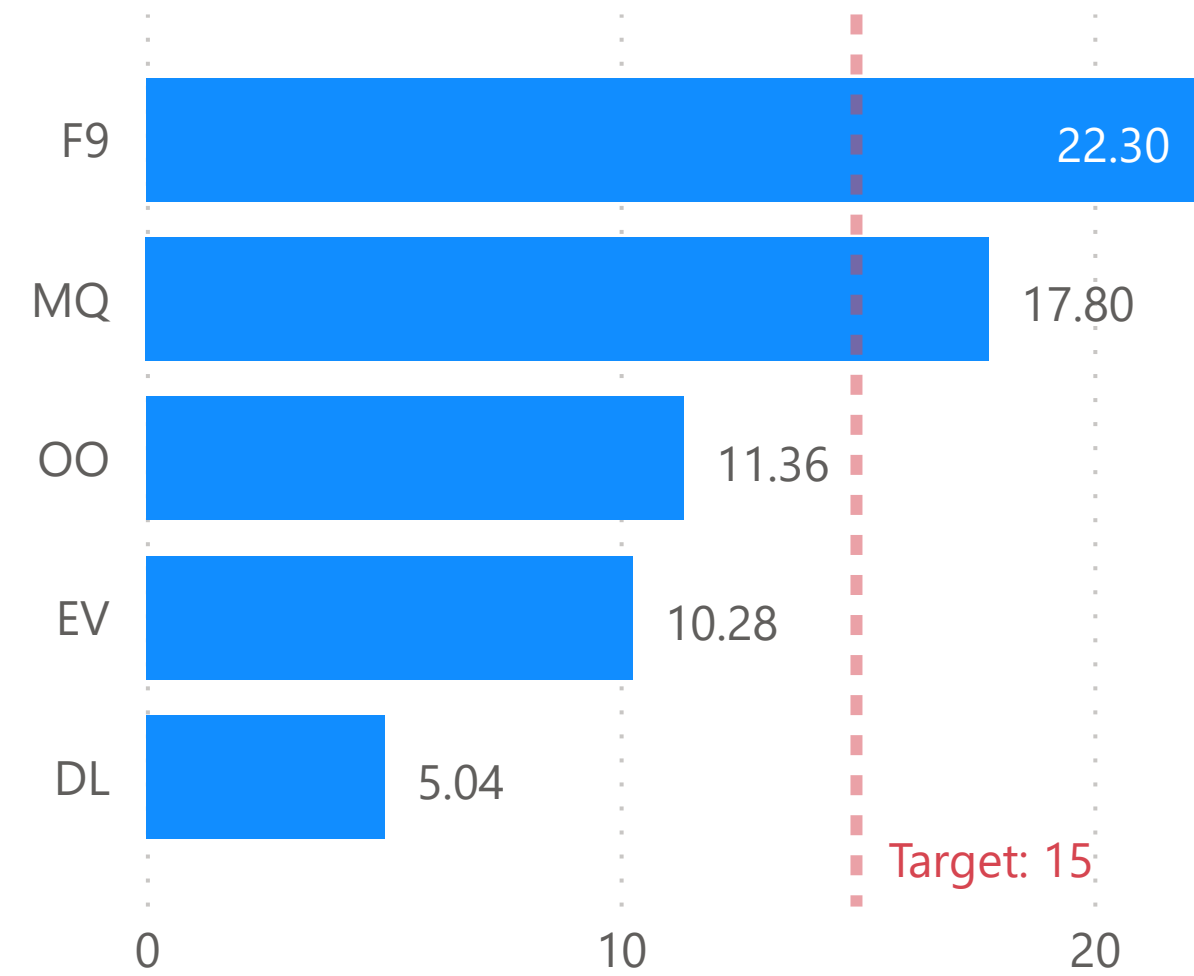| AIRLINE	Departure Delay
F9	22.30
MQ	17.80
OO	11.36
EV	10.28
DL	5.04

Target: 15

0   10   20

Average of CANCELLED by AIRLINE

AIRLINE	Cancelled
EV	0.10
MQ	0.09
OO	0.02
F9	0.01
DL	0.01

0.00   0.05   0.10
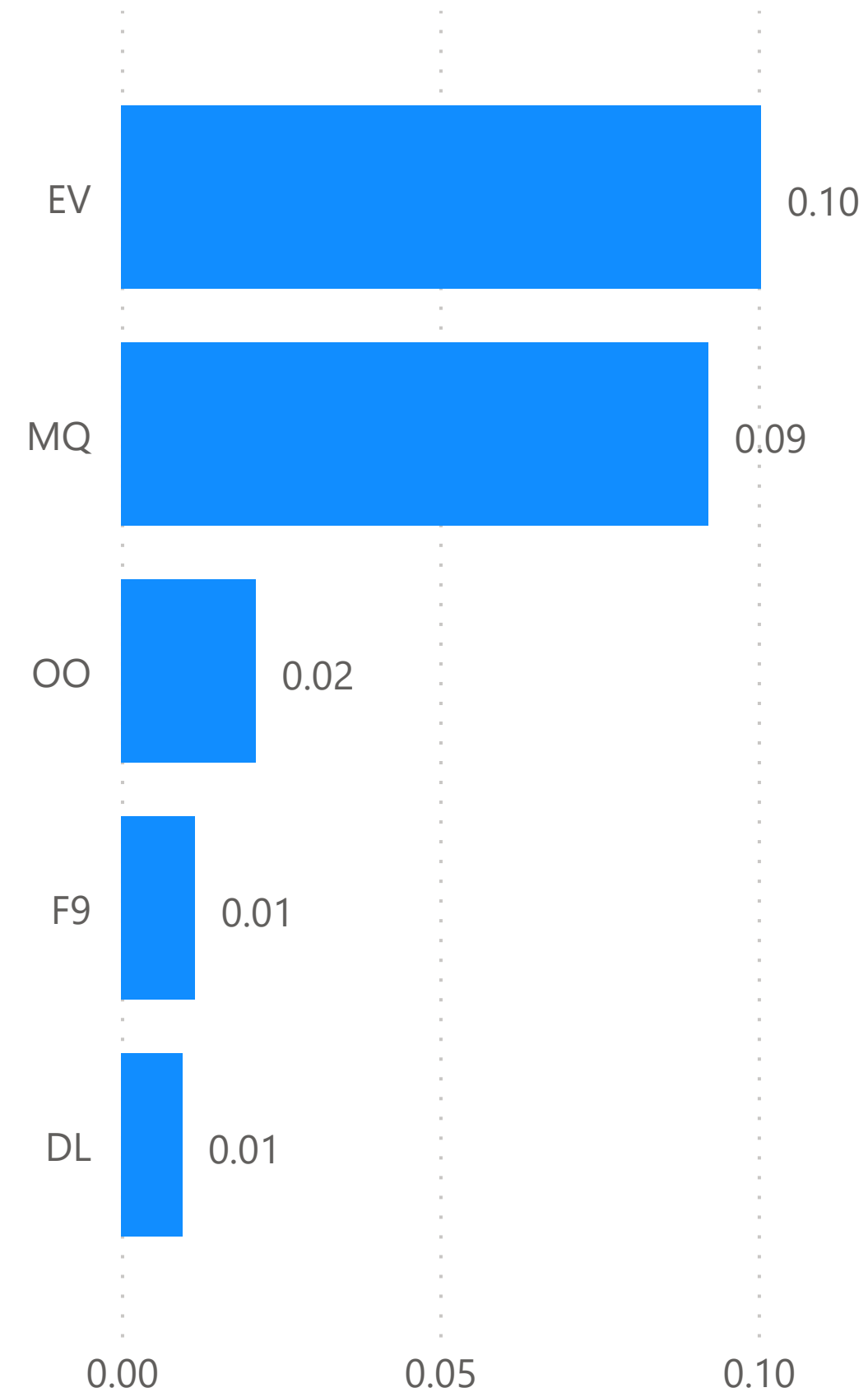
Number of Flights by Airline
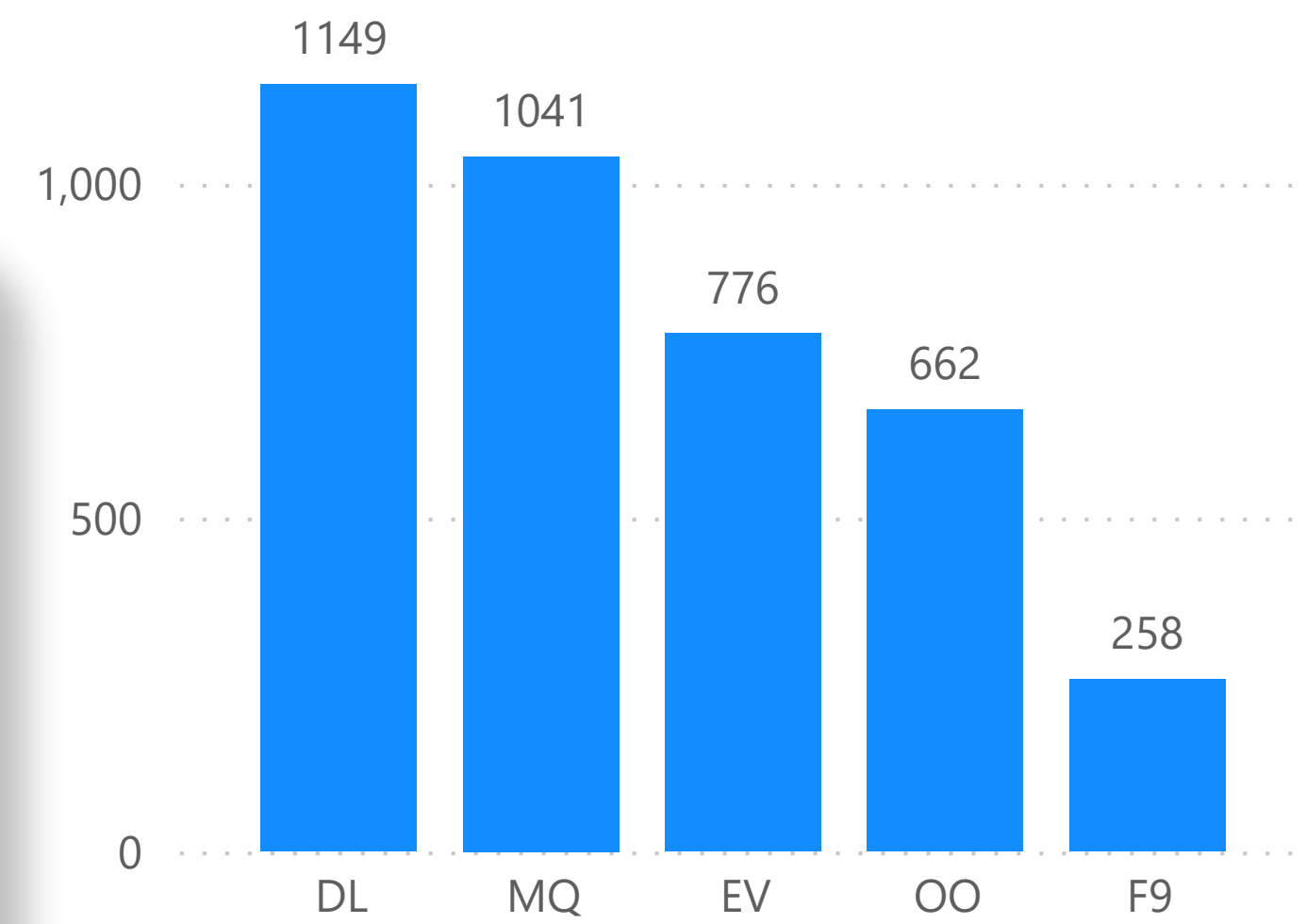
AIRLINE	Flights
DL	1149
MQ	1041
EV	776
OO	662
F9	258

Count of ORIGIN_AIRPORT by AIRLINE

AIRLINE	Count
DL	1
EV	1
F9	1
MQ	1
OO	1
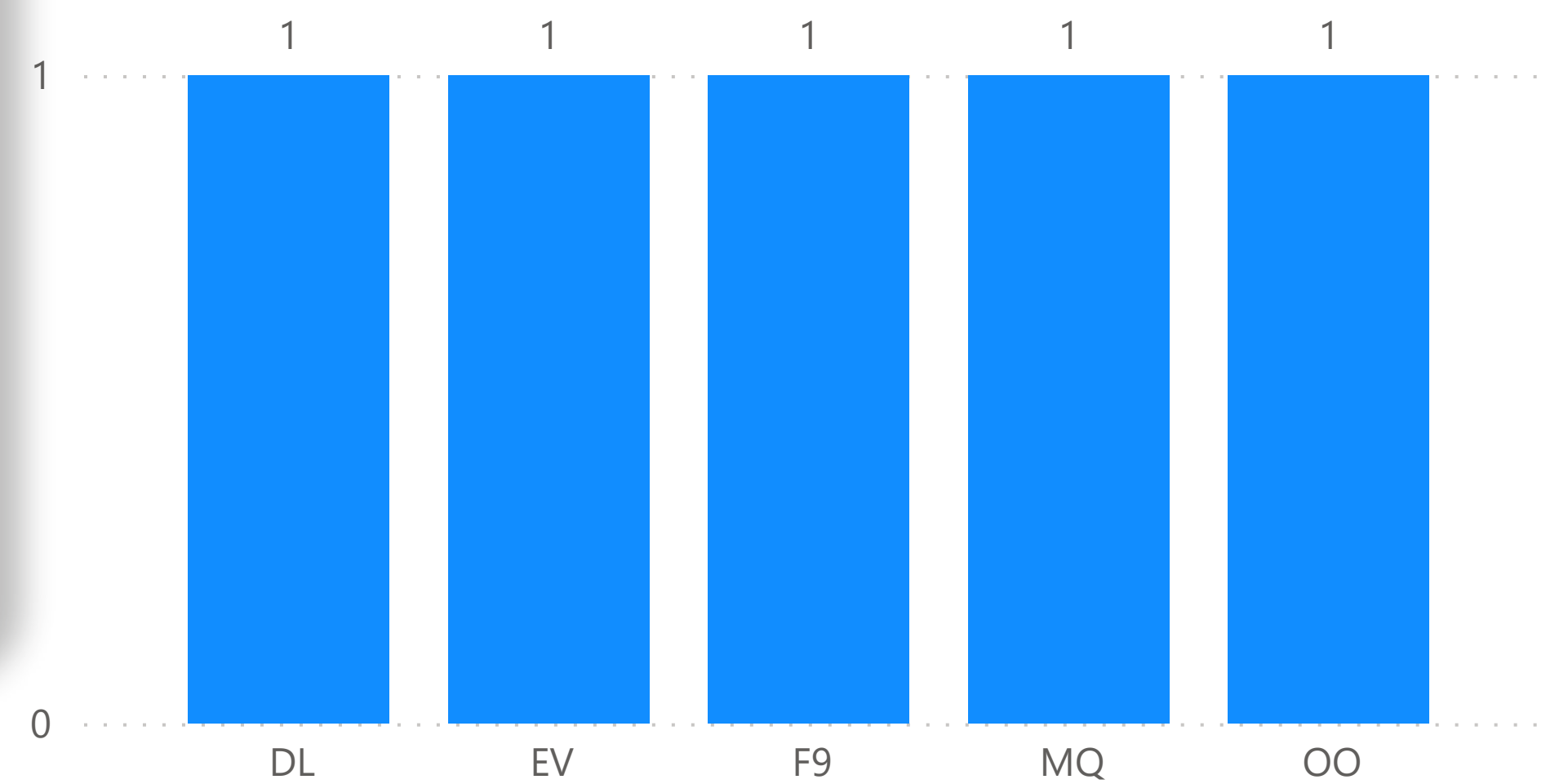
Count of FLIGHT_NUMBER by FLIGHT_DATE
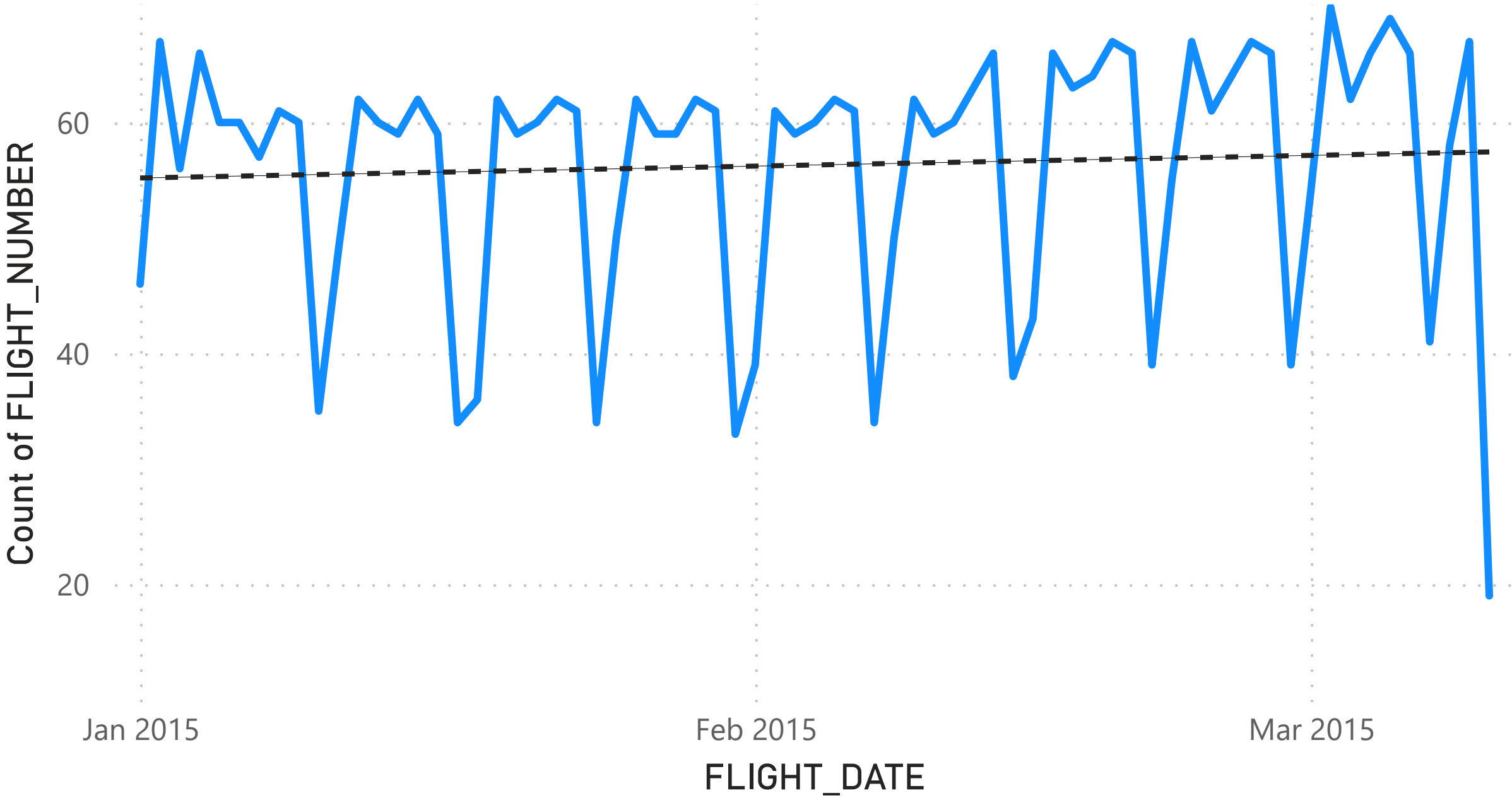
Count of FLIGHT_NUMBER by FLIGHT_DATE

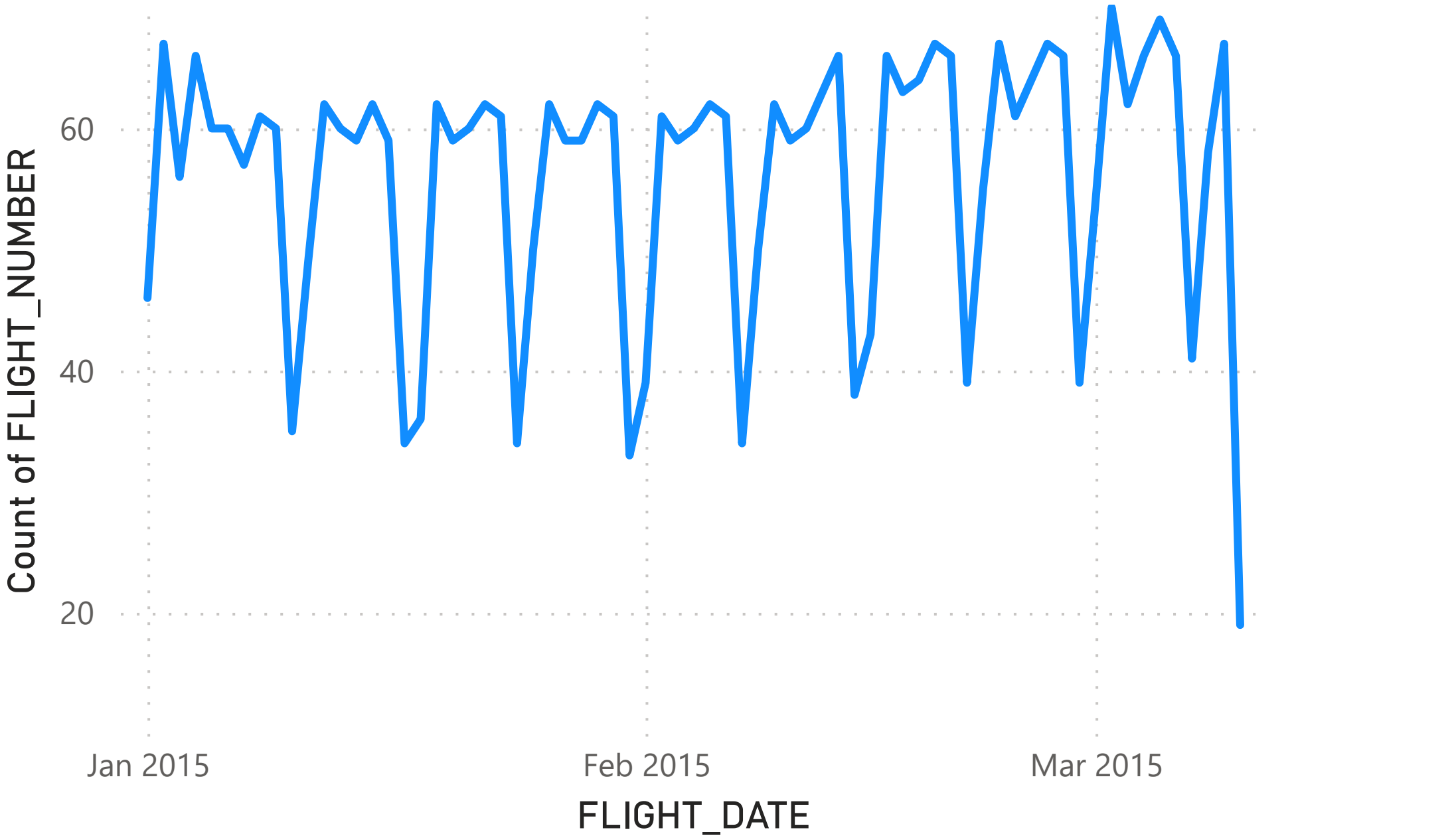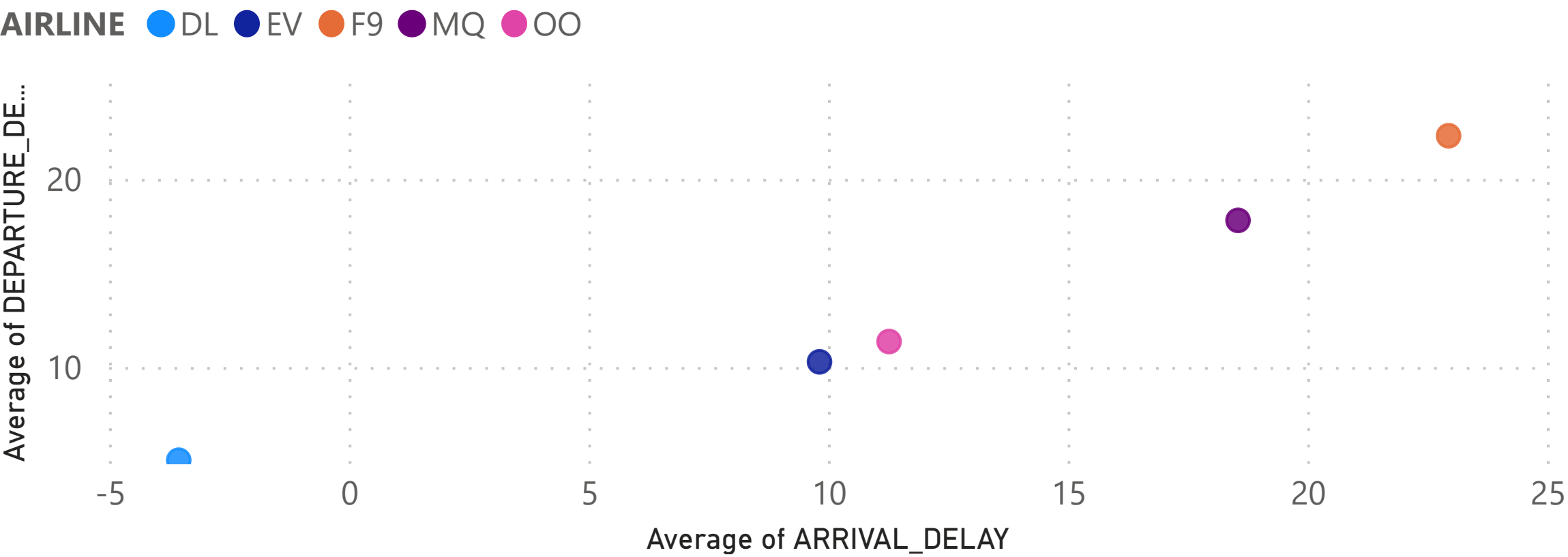## Average of ARRIVAL_DELAY and Average of DEPARTURE_DELAY by AIRLINE

AIRLINE ● DL ● EV ● F9 ● MQ ● OO

CANCELLATION_REASON	Count of FLIGHT_NUM
A	
B	
C	
Total	
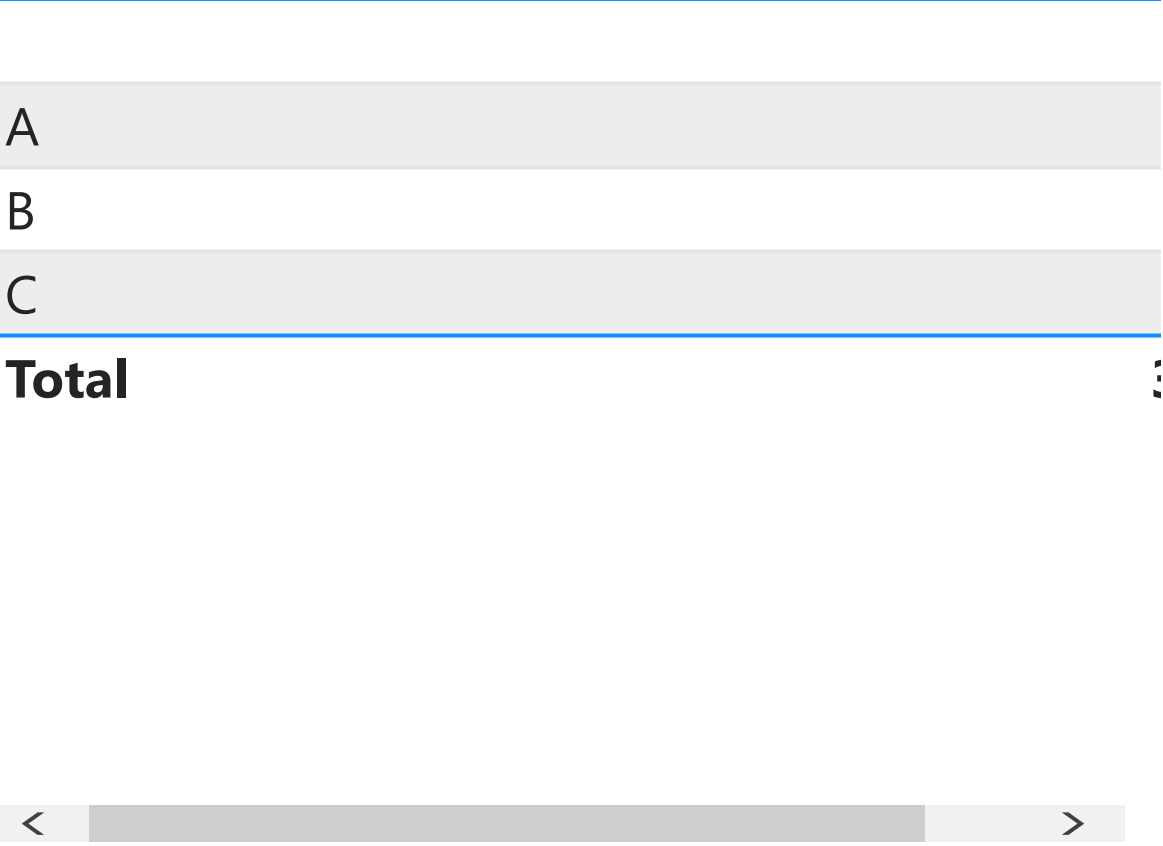
FLIGHT_DATE

1/1/2015	📅
3/10/2015	📅

AIRLINE

🔍 Search

- ☐ Select all
- ☐ DL
- ☐ EV
- ☐ F9
- ☐ MQ
- ☐ OO

CANCELLATION_REASON

- ☐
- ☐ A
- ☐ B
- ☐ C

Power BI is cool

University of CINCINNATI
CENTER FOR BUSINESS ANALYTICS

3886

Count of FLIGHT_NUMBER

FLIGHT_DATE	DL	EV	F9	MQ	OO	Tota
Thursday, January 01, 2015	12	7	6	15	6	4(
Friday, January 02, 2015	26	11	4	17	9	6
Saturday, January 03, 2015	25	6	3	13	9	5(
Sunday, January 04, 2015	26	9	6	16	9	6(
Monday, January 05, 2015	16	11	5	17	11	6(
Tuesday, January 06, 2015	13	15	5	15	12	6(
Wednesday, January 07, 2015	13	12	4	16	12	5
Thursday, January 08, 2015	15	13	4	16	13	6
Total	**1149**	**776**	**258**	**1041**	**662**	**388(**

Count of FLIGHT_NUMBER by AIRLINE

Count of FLIGHT_NUMBER by AIRLINE

AIRLINE	Count of FLIGHT_NUMBER
Delta Air Lines Inc.	1149
American Eagle Airlines I...	1041
Atlantic Southeast Airlines	776
Skywest Airlines Inc.	662
Frontier Airlines Inc.	258

Sum of DISTANCE by AIRPORT

AIRPORT	
Dallas/Fort Worth Intern...	
George Bush Intercontin...	
Chicago O'Hare Internati...	
Newark Liberty Internati...	
Los Angeles Internationa...	
Hartsfield-Jackson Atlant...	
Orlando International Air...	
McCarran International ...	
Salt Lake City Internation...	
Denver International Air...	
Miami International Airp...	
San Francisco Internatio...	
Fort Lauderdale-Hollywo...	
Phoenix Sky Harbor Inter...	
Southwest Florida Intern...	
Minneapolis-Saint Paul I...	
Tampa International Airp...	
Gen. Edward Lawrence L...	
John F. Kennedy Internat...	
LaGuardia Airport (Marin...	
Nashville International A...	
Gerald R. Ford Internatio...	
General Mitchell Internat...	
Dane County Regional Ai...	

Count of FLIGHT_NUMBER, Total Distance and Cancelled Flights by AIRLINE
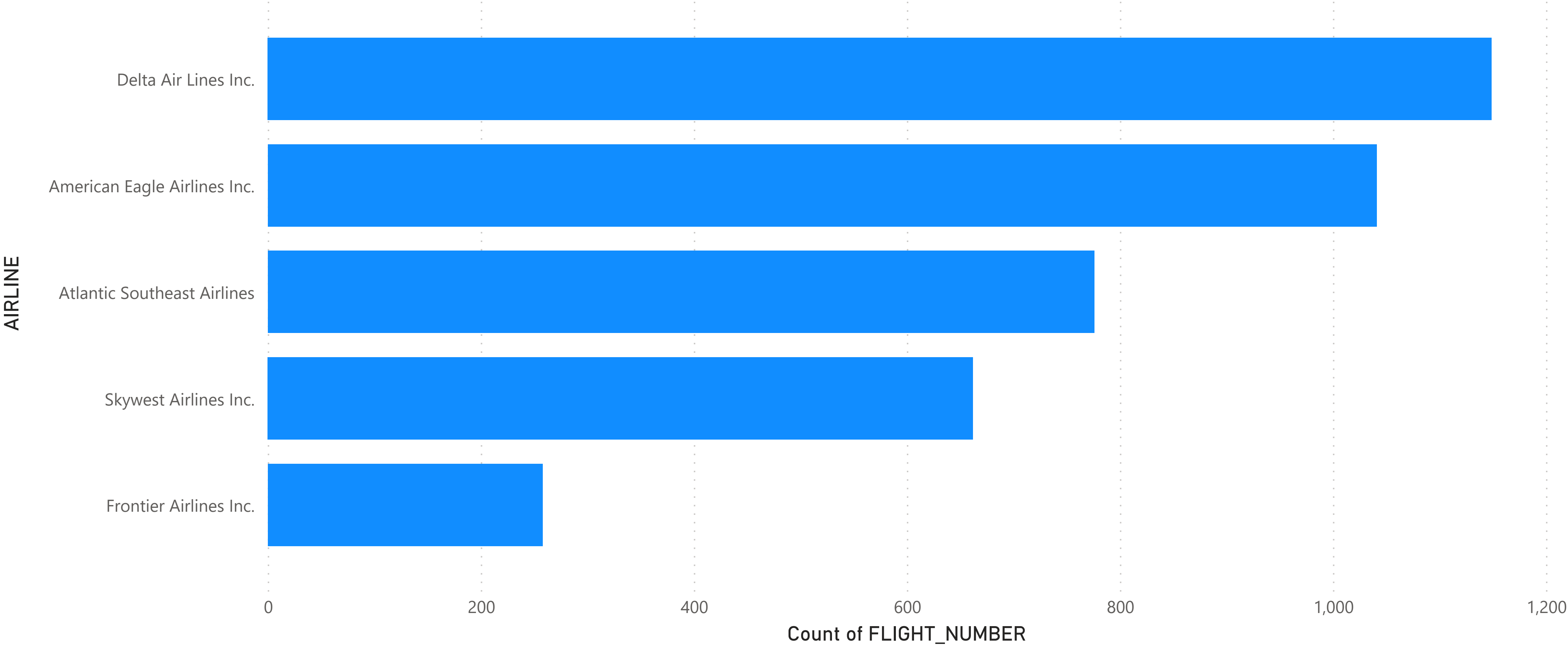
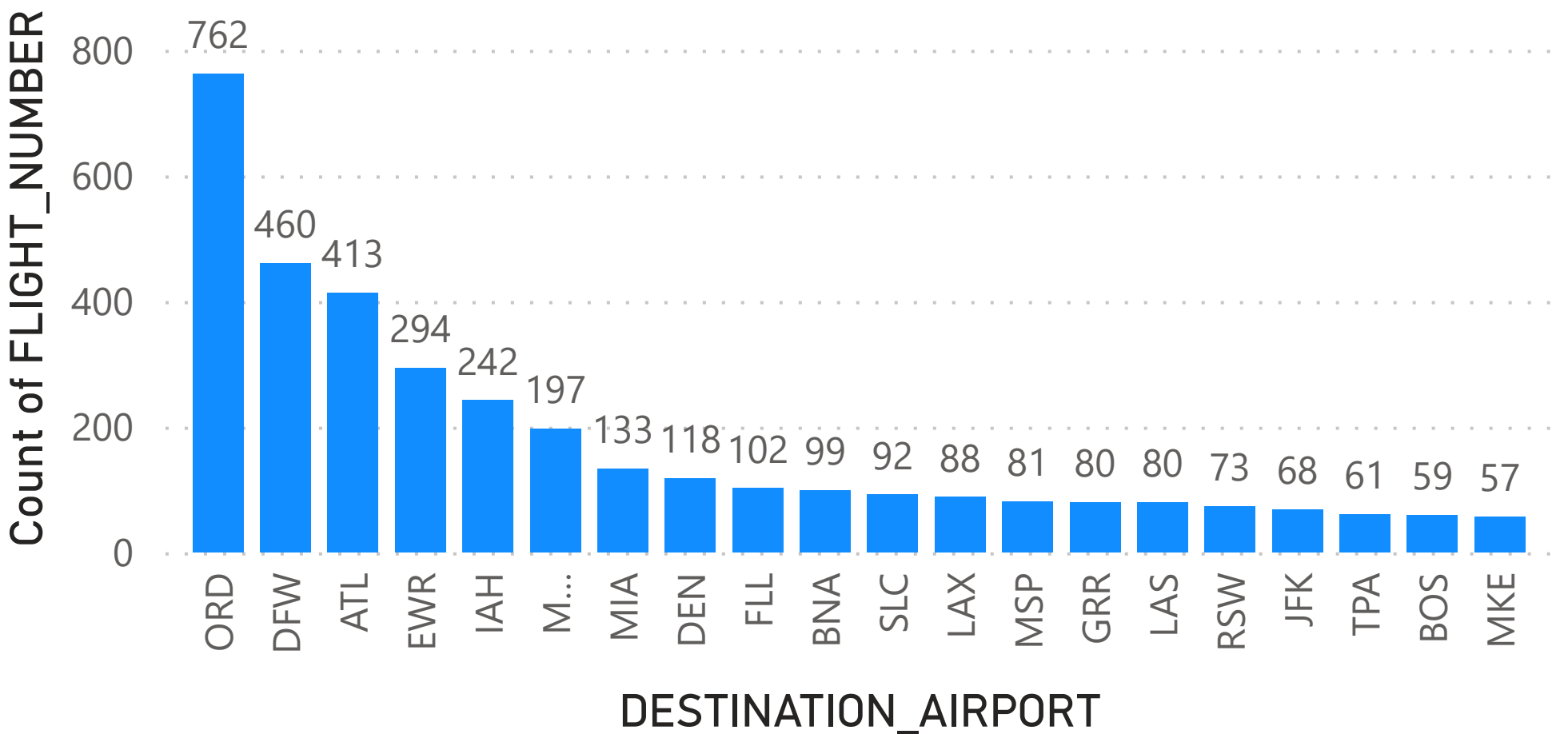# Alaska Airlines Inc.

First AIRLINE

3886
Number of Flights

202
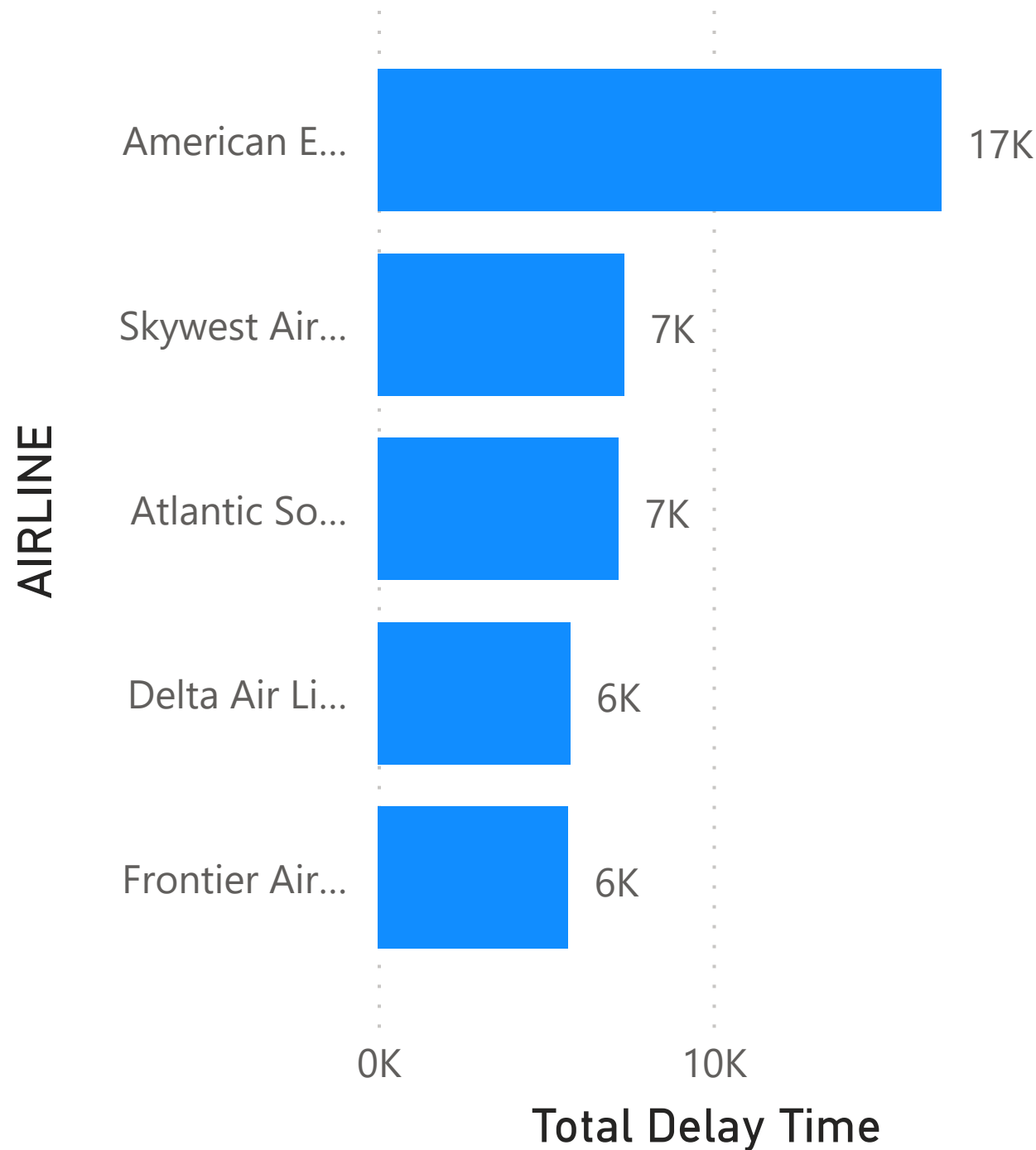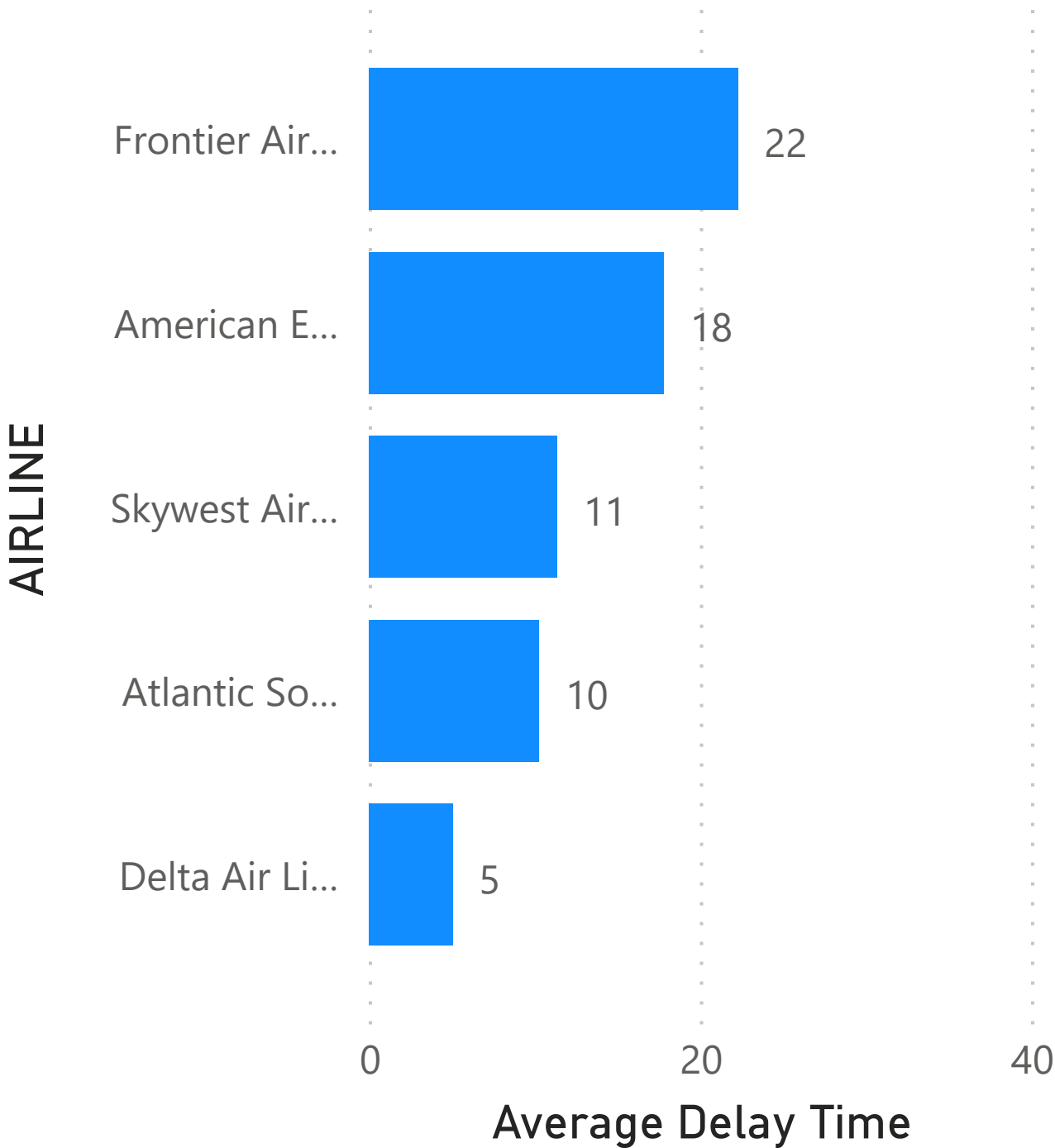Cancelled Flights
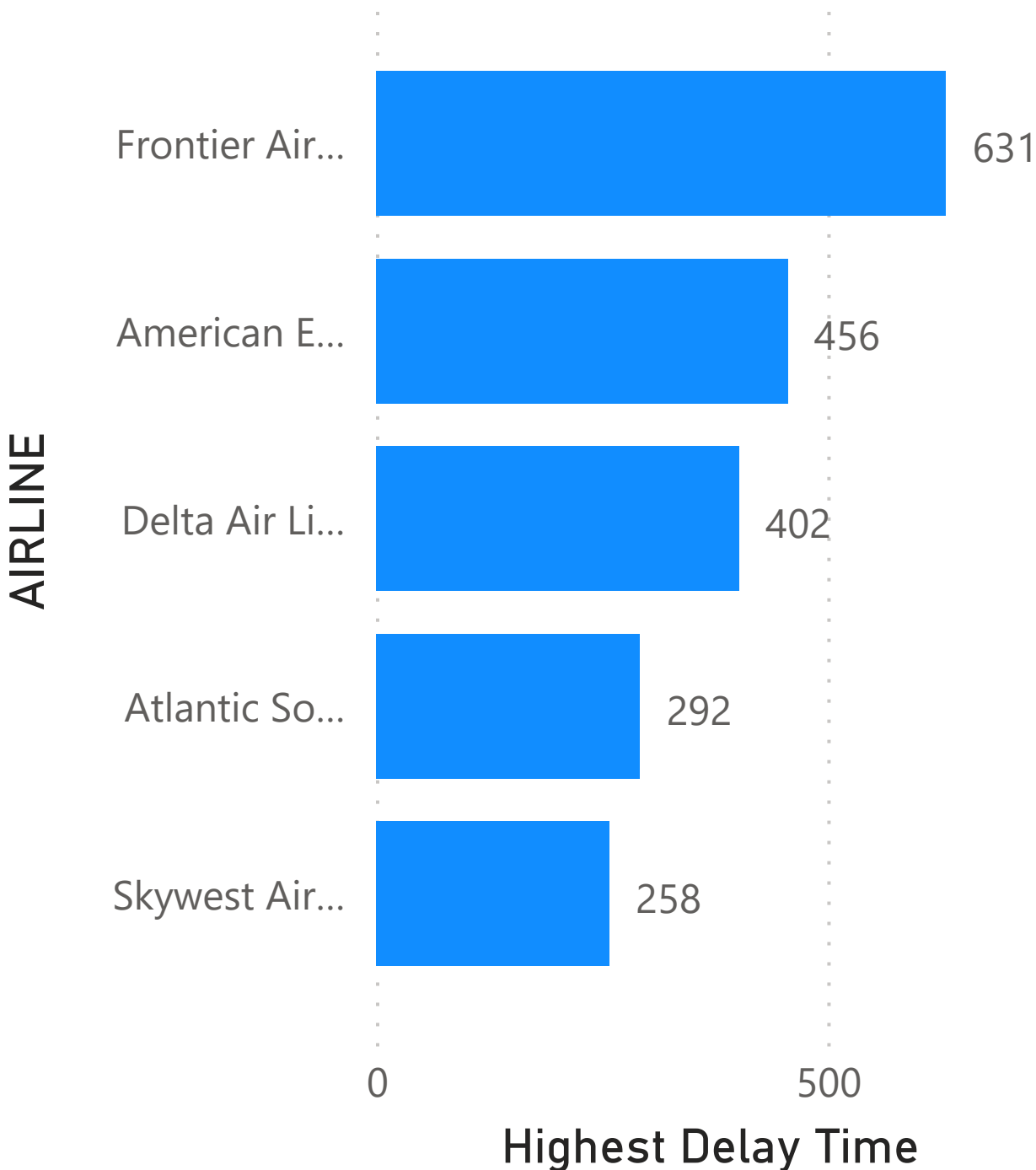
Count of FLIGHT_NUMBER by DESTINATION_AIRPORT

Bar chart — Count of FLIGHT_NUMBER by DESTINATION_AIRPORT:

DESTINATION_AIRPORT	Count of FLIGHT_NUMBER
ORD	762
DFW	460
ATL	413
EWR	294
IAH	242
M...	197
MIA	133
DEN	118
FLL	102
BNA	99
SLC	92
LAX	88
MSP	81
GRR	80
LAS	80
RSW	73
JFK	68
TPA	61
BOS	59
MKE	57

Total Delay Time by AIRLINE

AIRLINE	Total Delay Time
American E...	17K
Skywest Air...	7K
Atlantic So...	7K
Delta Air Li...	6K
Frontier Air...	6K

Average Delay Time by AIRLINE

AIRLINE	Average Delay Time
Frontier Air...	22
American E...	18
Skywest Air...	11
Atlantic So...	10
Delta Air Li...	5

Highest Delay Time by AIRLINE

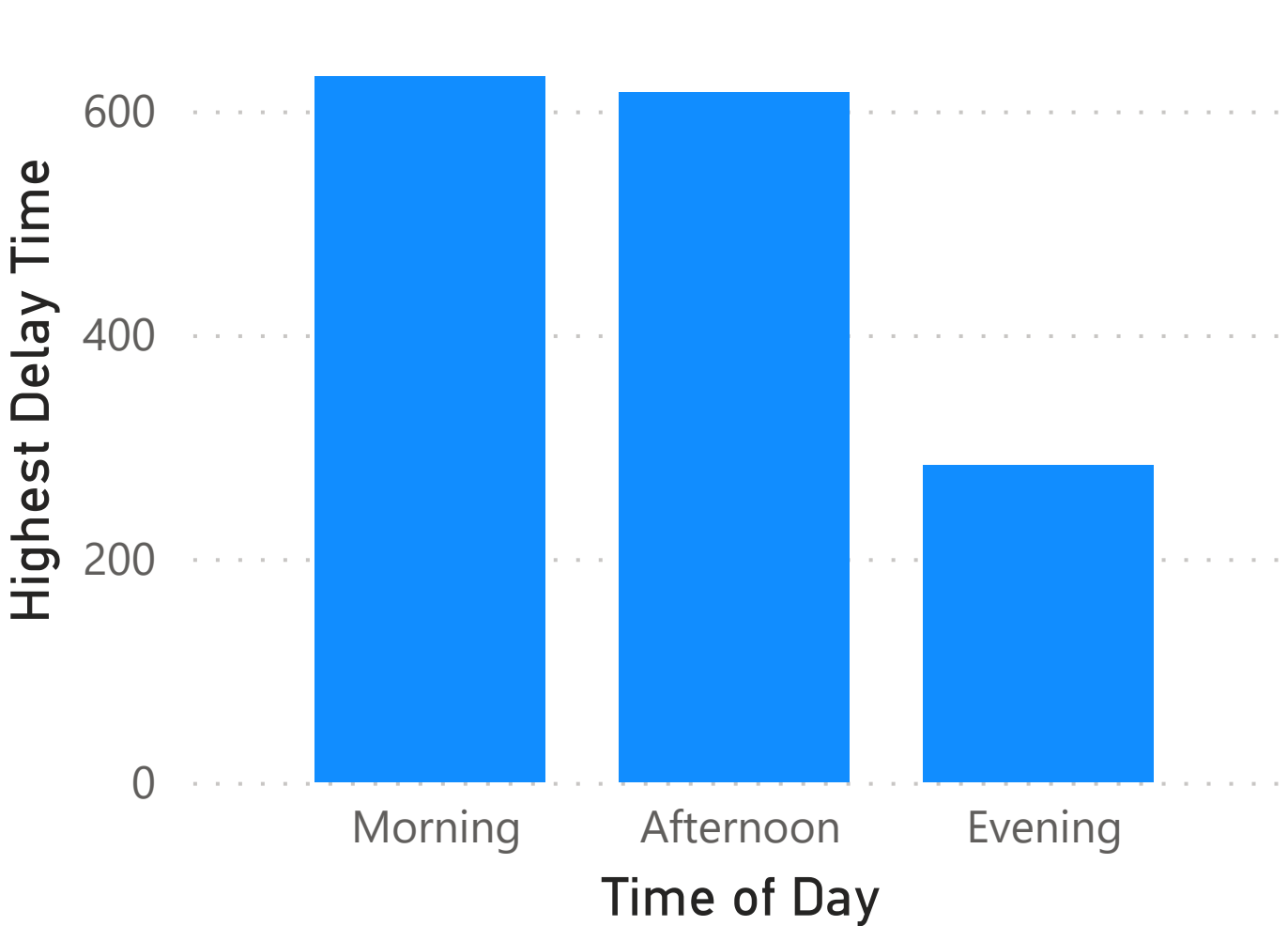| AIRLINE	Highest Delay Time
Frontier Air...	631
American E...	456
Delta Air Li...	402
Atlantic So...	292
Skywest Air...	258

Average Delay Time by Time of Day
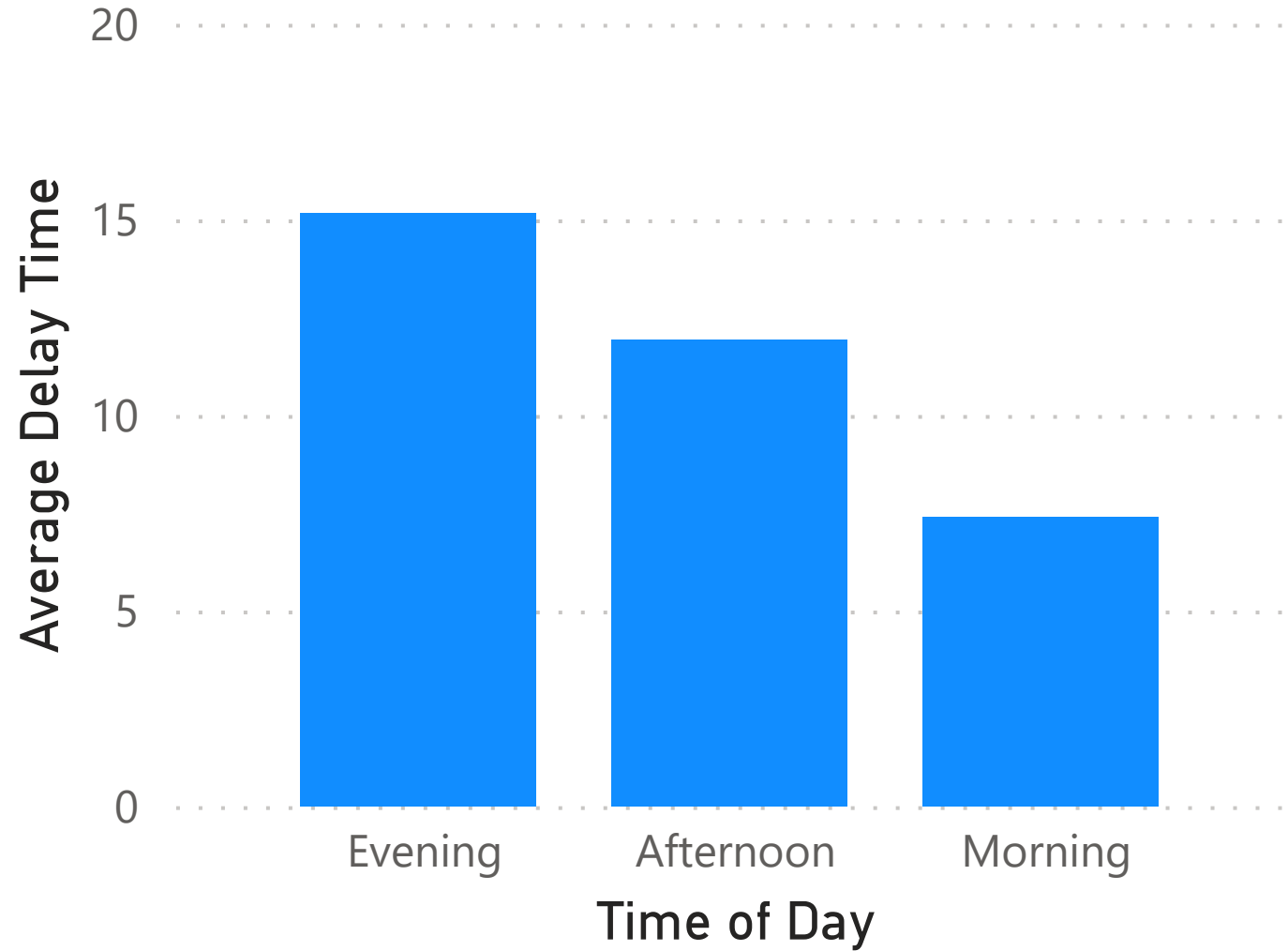
Highest Delay Time by Time of Day

Time of Day

Time of Day

3,886
Number of Flights

96
Number of Cancelled Flights

22
Number of Morning Cancelled Fl...

5.0%
Cancellation Rate

Cancellation Rate by AIRPORT

Time of Day

Afternoon
Evening
Morning
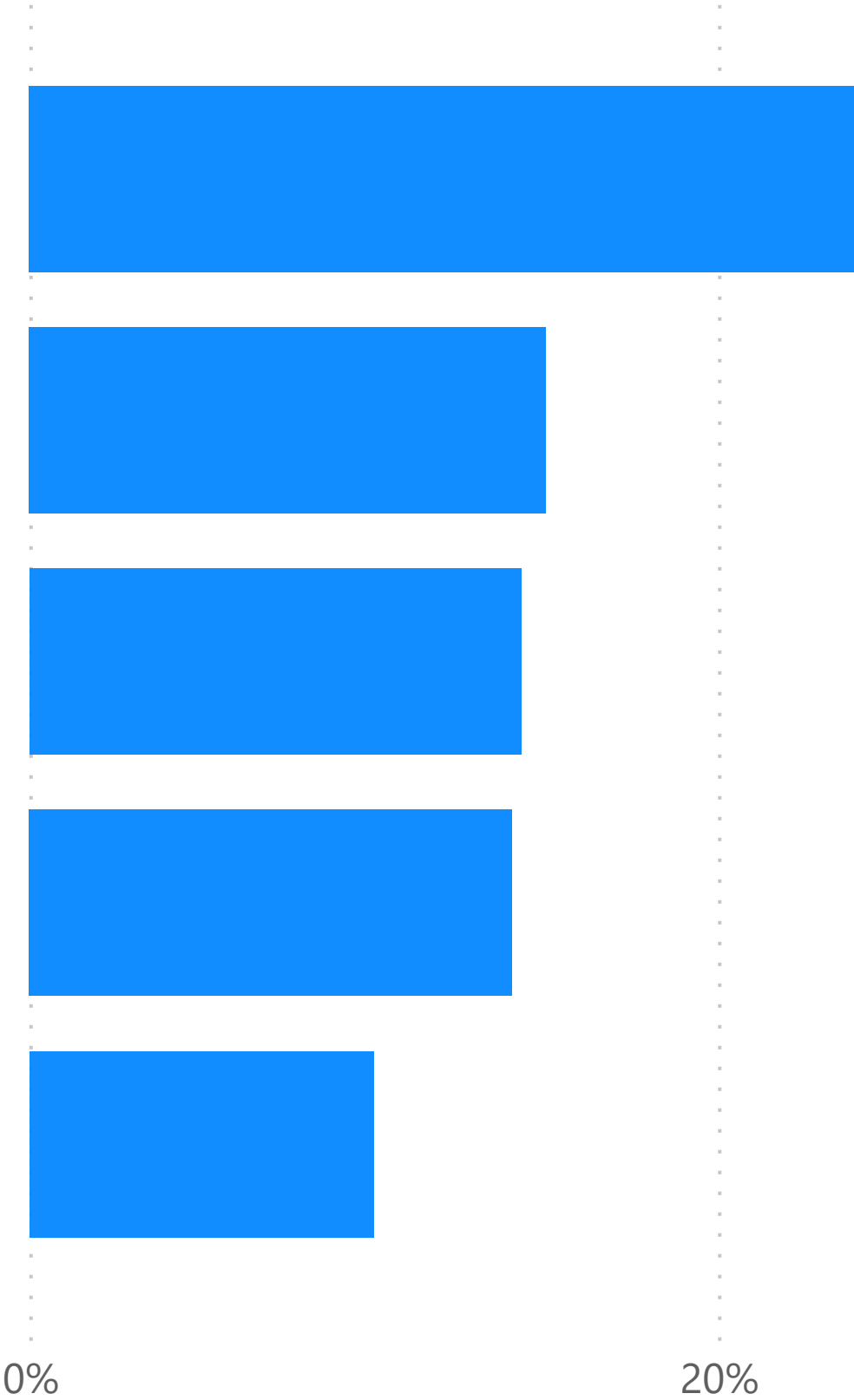
FLIGHT_DATE

1/1/2015 📅   2/4/2015 📅

Bar chart showing Cancellation Rate by AIRPORT:
- LaGuardia Airport...
- Newark Liberty In...
- Detroit Metropoli...
- Chicago O'Hare I...
- Gen. Edward Lawr...

X-axis: Cancellation Rate (0% to 20%)
Y-axis: AIRPORT

1/1/2015   📅   3/10/2015   📅
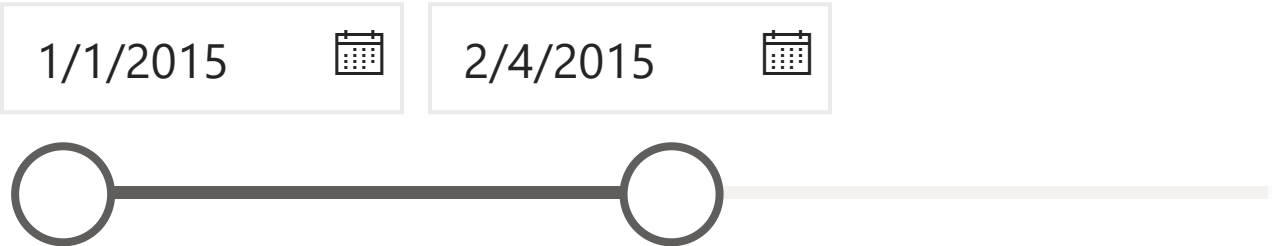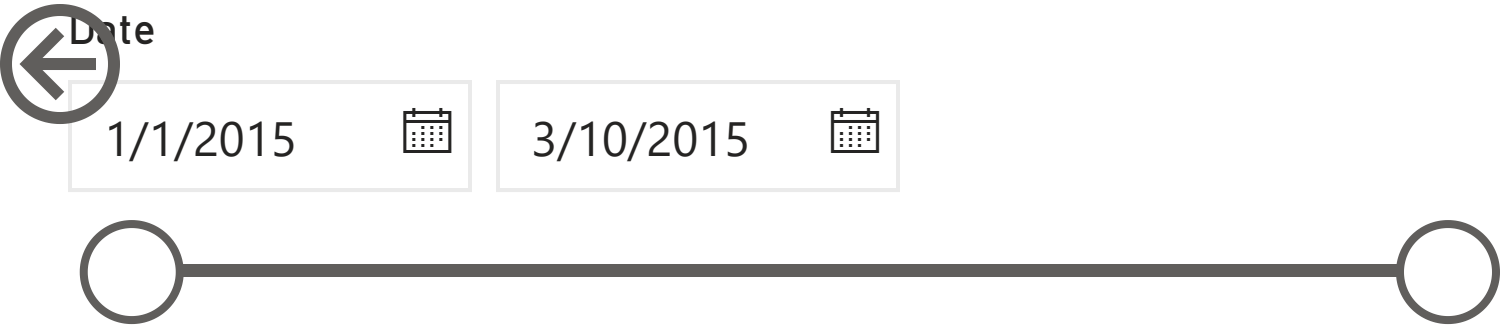
Number of Flights Month to Date and Month to date flights target by Date

Date	Number of Flights	Number of Cancelled Flights	Number of Flights Month to Date
	3,886	202	
Total	**3,886**	**202**	

(Blank)!

Goal: 2000 (-100%)

Metrics

☐ Average Delay time

☐ Number of Cancelled Flights

■ Number of Flights

Metric by Year, Quarter, Month and Day

Metric

3.89K

Metric