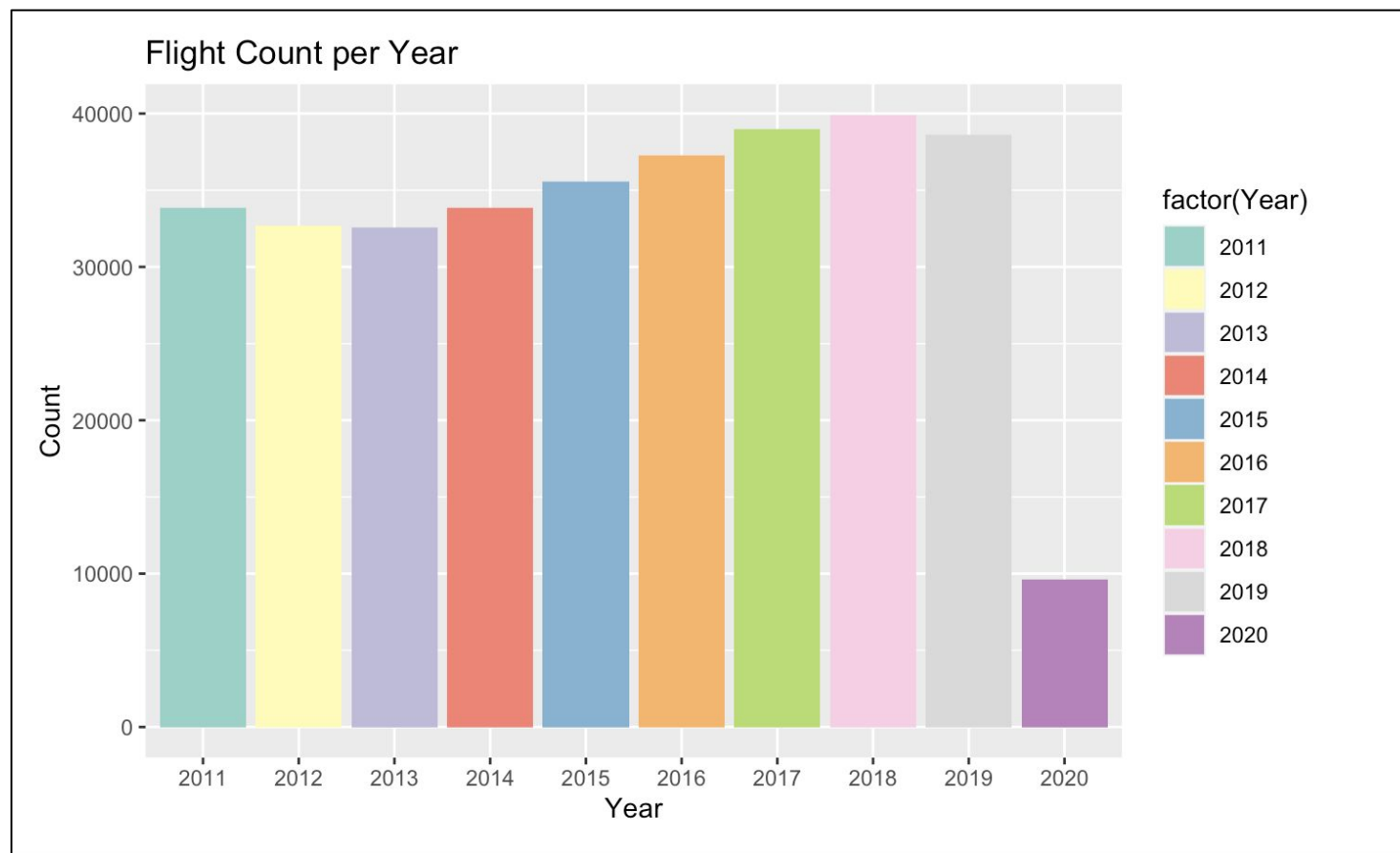THE GEORGE
WASHINGTON
UNIVERSITY

WASHINGTON, DC

2011- 2020 Flight Departure Data

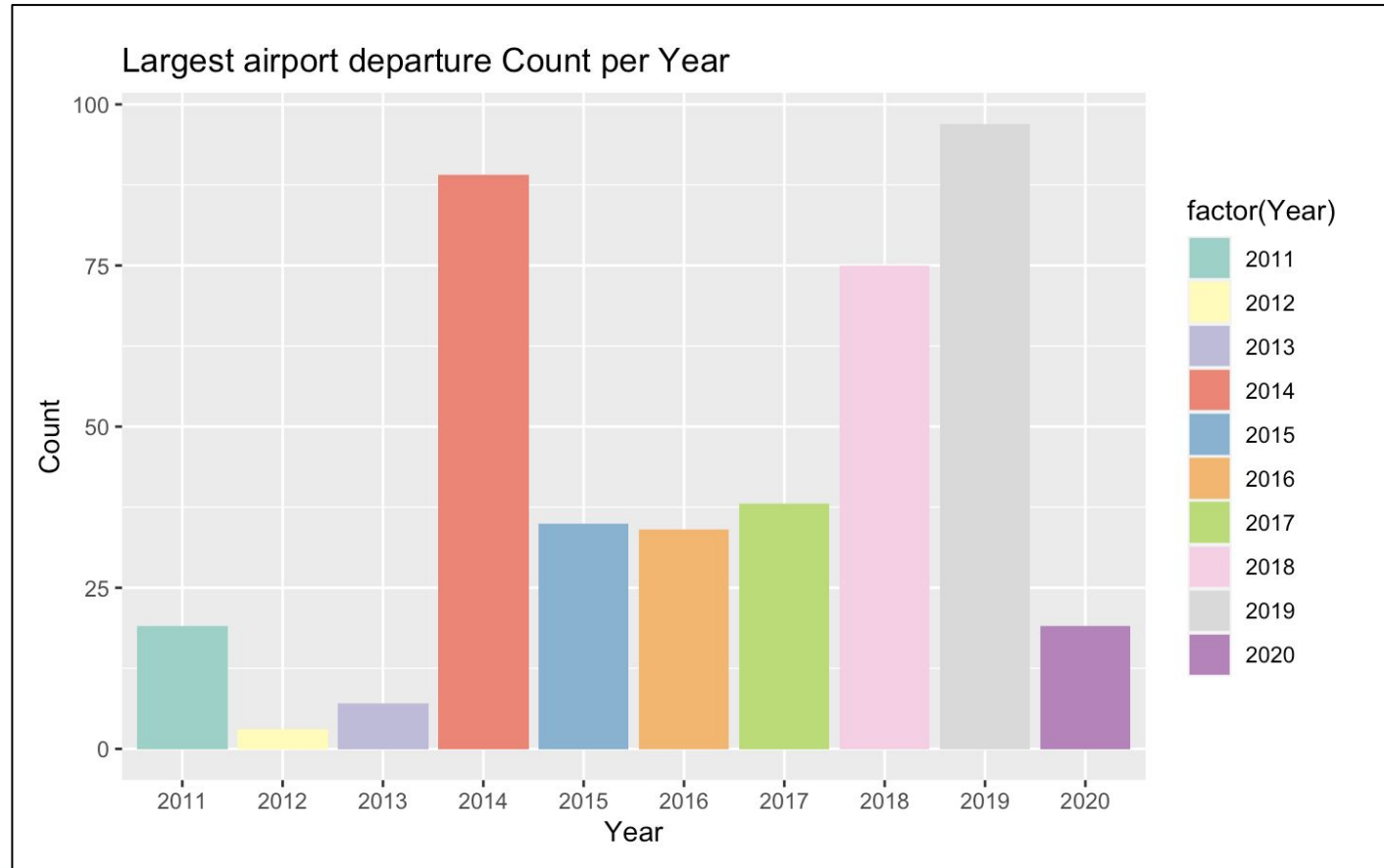Amit Shendge, Disha Kacha, Saniya Shinde, and Rachel Culbreath

What does our data tell us?

A usg_apt

US Gateway Airport Code - usually assigned by IATA, but in absence of IATA designation, may show FAA-assigned code

 # usg_wac

US Gateway World Area Code - assigned by US DOT to represent a geographic territory

fg_apt_id

Foreign Gateway Airport ID - assigned by US DOT to identify an airport

A fg_apt

Foreign Gateway Airport Code - usually assigned by IATA, but in absense of IATA designation, may show FAA-assigned code

 # fg_wac

Foreign Gateway World Area Code - assigned by US DOT to represent a geographic territory

airlineid
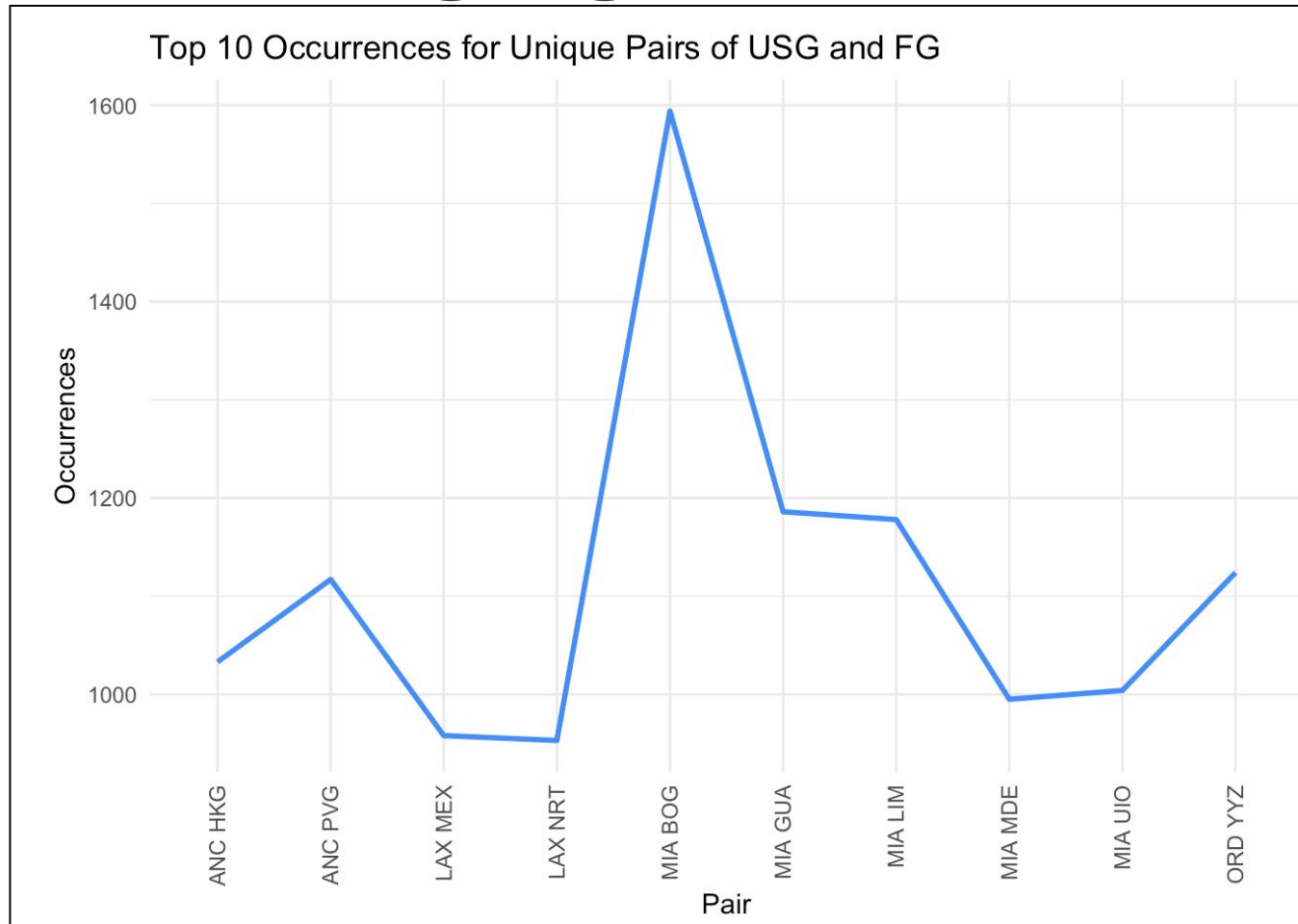
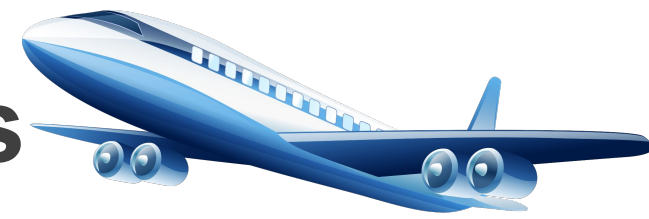Airline ID - assigned by US DOT to identify an air carrier

Yearly U.S. flight departures:

Departure Data From ZZZ airport

US and Foreign gates for airlines

Top 10 Occurrences for Unique Pairs of USG and FG

Carrier type details

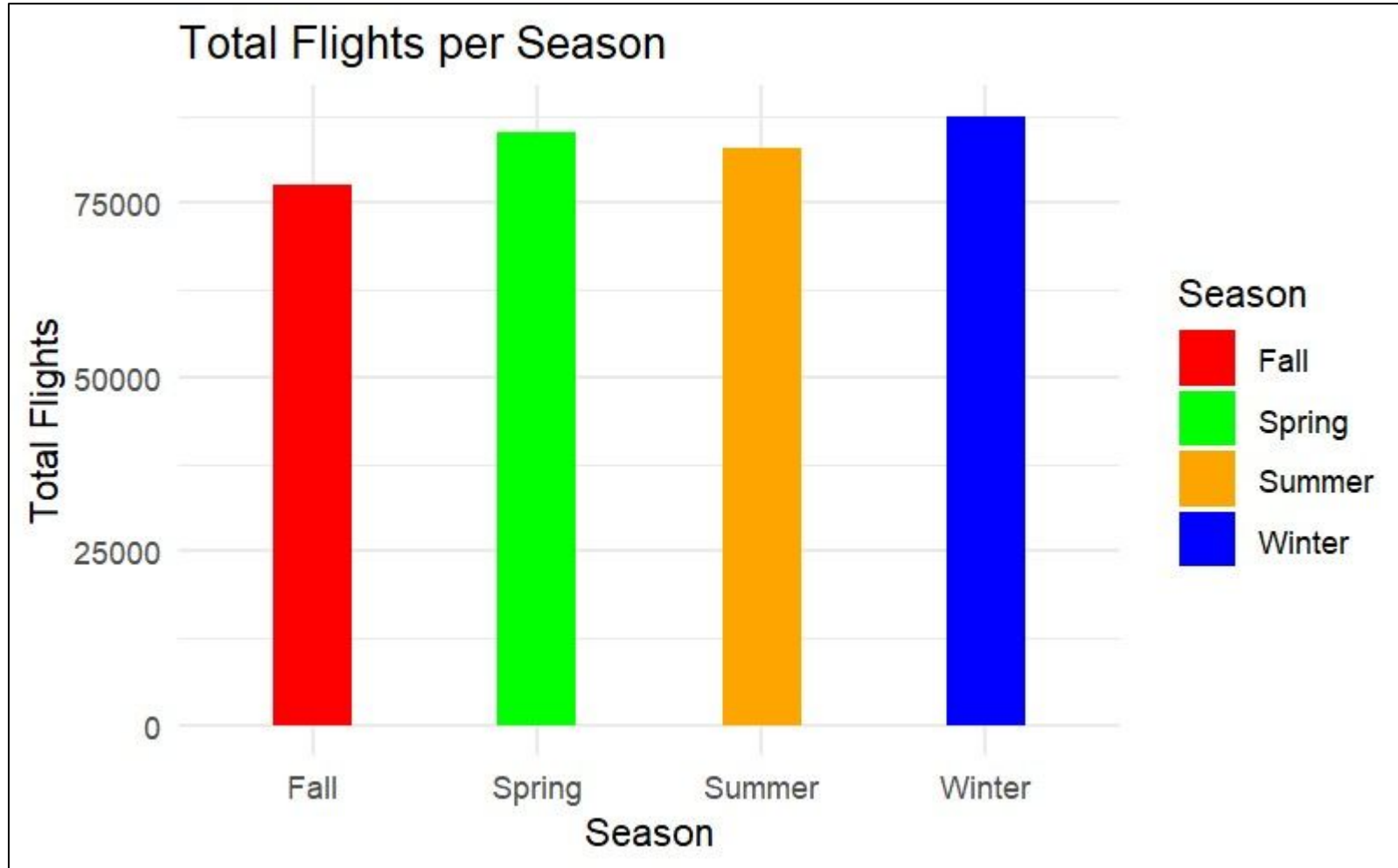|	Foreign	US
2011	12306	21555
2012	12210	20509
2013	12326	20231
2014	12558	21319
2015	14136	21408
2016	15589	21693
2017	17149	21844
2018	17969	21957
2019	17454	21135
2020	4395	5255

```
           Pearson's Chi-squared test

data:   contingency_table
X-squared = 1644, df = 9, p-value <2e-16
```

Flights Per Season

Total Flights of Carriers Per Year