

**Note:** To complete these exercises will require having the nycflights13 package installed.

**Q1** How many fights that flew to Houston (airport code 'IAH' or 'HOU') had an arrival delay of two or more hours?

**Q2** How many fights were delayed by at least an hour, but made up over 30 minutes in flight?

**Q3** How could you use arrange() to sort all missing values to the start? (Hint: use is.na() )

**Q4** Which flight travels the longest distance?

**Q5** Find a concise way to select the columns that have 'time' in their name.

**Q6** Look at the number of cancelled flights per day. Is there a pattern?

**Q7** Which carrier has the worst delays?

**Q8** Filter flights to only show flights with planes that have flown at least 100 flights.

**Q9** What time of day should you fly if you want to avoid delays as much as possible?

**Q10** Add the location of the origin and destination (i.e. the lat and lon) to flights.