Names:

- 1. What is the unit of observation in the data frame in the slides?
- 2. Come up with four questions that can be posed using the variables in this dataset:
- One that can be answered via a summary
- One that can be answered via a generalization
- One that can be answered via a prediction
- One that can be answered via a causal claim.

- 3. Name a variable which has an ambiguous (could be numerical or categorical) type to you. Then, sketch *two* visualizations of this plot: one where the variable is treated numerically, and one where the variable is being treated categorically. In each plot:
- depict a shape which reflects *your expectation* of the phenomenon;
- label your axes and provide a title.

4.	What is your guess for the units/format used to record the departure time? Said another way, what would a value of 1517 represent?
5.	What filter would you use to extract the flights that left in the springtime destined for Portland, Oregon? Draw a sketch of this smaller data frame showing at least the columns used in the filter.
6.	What mutation would you use to create a column that records TRUE for flights leaving during or after March 2020 and FALSE otherwise?
7.	What mutation would you use to create a column that records the average speed of a plane during its flight, in miles per hour? Hint: think about the units of the variables needed to complete this mutation, and perform any unit conversion that is necessary.
8.	Provide one dplyr pipeline that calculates the mean departure delay for Oakland and San Francisco Airports. Provide a sketch of the resulting data structure with correct dimensions.