**Assignment II**

1. Sort flights to find the fastest flights
2. Compare dep\_time, sched\_dep\_time, and dep\_delay. How would you expect those three numbers to be related?
3. Brainstorm at least 5 different ways to assess the typical delay characteristics of a group of flights. Consider the following scenarios:
4. A flight is 15 minutes early 50% of the time, and 15 minutes late 50% of the time.
5. A flight is always 10 minutes late.
6. A flight is 30 minutes early 50% of the time, and 30 minutes late 50% of the time.
7. 99% of the time a flight is on time. 1% of the time it’s 2 hours late
8. Which plane (tailnum) has the worst on-time record?
9. Brainstorm as many ways as possible to select dep\_time, dep\_delay, arr\_time, and arr\_delay from flights.