Our data set is 5 years of weather data for Denver International Airport recorded hourly from September 1st 2015 to August 31st 2018. It was purchased from the site <https://openweathermap.org/history> and can be found on Kathleen’s github repository, <https://github.com/Kgatliffe/new_weather_data> .

Kathleen’s Question:

Using data collected during the previous day, how much lead time do we need to successfully predicts precipitation (yes/no) for Denver International Airport with greater than 50% accuracy?