

Data Appendix

“weather.csv” Dataset

This is the dataset that we performed analysis on. There were several empty columns so we subset the data to only include the columns with data in them. The columns that we used are STATION, NAME, DATE, PRECP, SNOW, SNWD, TMAX, TMIN, and TOBS. After subsetting these columns, our dataset had 4018 observations and 9 columns.

STATION

The “STATION” variable states the station that recorded the data point. The only potential response in this dataset is USC00441593, since we exclusively did Charlottesville, Virginia as our location.

NAME

The “name” variable is the name of the location that the weather report was from. In this dataset, the response is CHARLOTTESVILLE 2 W, VA US.

DATE

The “DATE” variable is the date that the weather pointed was recorded. The format for the responses is YYYY-MM-DD.

PRECP

The “PRECP” variable is the precipitation of that date in inches. It is a numeric variable.

SNOW

The “SNOW” variable is the snow of that date in inches. It is a numeric variable.

SNWD

The “SNWD” variable is the snow depth in inches. It is a numeric variable.

TMAX

The “TMAX” variable is the Daily High Temperature (in Fahrenheit) for that specific date. It is a numeric variable.

TMIN

The “TMIN” variable is the Daily Low Temperature (in Fahrenheit) for that specific date. It is a numeric variable.

TOBS

The “TOBS” variable is the temperature at the time of the observation (in Fahrenheit). It is a numeric variable.