

Analysis of output Graphs:

Plot1 output Graph Analysis:

#histogram showed the frequency of score occurrences in a continuous data set for two days that has been divided into classes

#It looks like right-skewed, so the mean global active power usage is typically GREATER THAN the median. Outlier (very very high/low global active power usage)not found

Plot2 output Graph Analysis:

#It looks like there is spike in global active power consumption after fixed interval.

Plot3 output Graph Analysis:

#Sub_metering_1 : huge power consumption on thursday (It corresponds to dishwasher, an oven and a microwave)

#Sub_metering_2 : Power consumption is low and constant (It corresponds to the laundry room, containing a washing-machine, a tumble-drier, a refrigerator and a light.)

#Sub_metering_3 : power consumption is moderate and constant across two days (It corresponds to an electric water-heater and an air-conditioner)

Plot4 output Graph Analysis:

#There is spike after fixed interval in global active power consumption for two days

#There is voltage up-down (cyclical) for two days

#The energy sub-metering is explained in plot3 assignment

#There is spike after certain interval in global reactive power consumption for two days. Almost stable