Effort Sheets Week 1

So far, I have reviewed the data models taught in class and determined that in order to predict the flow rates of the Colorado River, the usage of hypothesis test models should be applied. The normality of the data must be measured, then based on the accuracy of the Gaussian distribution, parametric or non-parametric tests would be applied. As of now, I have not applied any data models on the data, however once the model quality has been assessed, the estimated flow rate will be predicted based on the value of the information in the “ppt” column.

We spent this week deciding which roles each member would be assigned. Since there are three main deliverables to complete, we have split the work in three ways: Hayden will do the Literature Research about the streamflow forecasting, Leaf will do the Exploratory Data Analysis (EDA) summarizing the essential information of the data set, and I will start the Data modeling.