First article:

HMM is a tool used to predict stock prices. This article talks about a study of HMM of airline prices. In order to predict stock prices using HMM, there are steps to be carried out including: calibrating the parameters of HMM, finding similar data, and comparing the previous stock prices. The article goes through examples of these steps and compares the results to the HAR model. While the HAR model has better percent error, the HMM model outperforms it due to positive efficiency.

Second article:
The article describes hypothesis testing which includes a null hypothesis, testing types, significance values, and p-level values. The article talks about anylzing genomes by identifying statistical properties and using gene detection. Moreover, it talks about gene finding for eukaryotes, which must be done using the HMM model. The article also explains the coding behind this type of testing and model.

Article for project proposal:
Neural networks requires filling missing values and converting categorical data into numerical for data preprocessing. Neural networking has more steps for preprocessing than random forest. Working with tabular data should be dealt with random forest but to be fine tuned they should be done using neural networking.