Assignment 12.1

1. Perform the below given activities:

a. Take Apple Stock Prices from Yahoo Finance for last 90 days

> AAPL<-read.csv("C:/Users/Nagaraj/Downloads/AAPL.csv",header=TRUE,sep = ";")

> AAPL

b. Predict the Stock closing prices for next 15 days.

Answer

forecast\_out = int(30)

df['Prediction'] = df[['Adj. Close']].shift(-forecast\_out)

c. Submit your accuracy

Answer

model7<-ets(data)

summary(model7)

accuracy(model7)

plot(log(data))

plot(forecast(model7,12))

d. After 15 days again collect the data and compare with your forecast