# Install necessary packages

install.packages(“ggplot2”) install.packages(“anytime”)

# Load the libraries

library(anytime) library(ggplot2)

# Load the data

eth\_df <- read.csv(“D:/FEU/2ND YR 2ND SEM/PROBABILITY/ethereum\_2015.csv”)

# Display the first few rows of the dataset

head(eth\_df)

# Display the last few rows of the dataset

tail(eth\_df)

# Calculate the return and add it to the dataframe

eth\_dfClose - eth\_dfOpen)

# Plot a histogram of the returns

hist(eth\_df$Return, main = “Ethereum Returns (Simple Rate)”, xlab = “Percentage Change”, xlim = c(-0.5, 0.5), col = “skyblue”, breaks = 250)

# Perform the Shapiro-Wilk test for normality on the returns

eth\_shapiro\_test <- shapiro.test(eth\_df$Return) print(eth\_shapiro\_test)