**STAT498A - R-Scripting  
Project 1**

Introduction

This project has been designed to introduce you to the scripting environment of R using RStudio. At this point, you should have installed R and RStudio. If not, check out the course page and navigate to “Getting Started with R > Installing R and R-Studio”. There will be some basic instructions on how to get your environment up and running.

Problem 1 – Warm up

For the first problem, we would like to generate a sample of a 1000 from the normal distribution with a mean of µ=10 and a standard deviation of σ=2.25.

1. Next, we would like to build a histogram using the sample with 10 bins (or classes). Recall that each bin represents an interval and we are tallying the number of observations belonging to the period.
2. Last, we would like to represent the data in a normal probability plot and boxplot.

Instructions

1. Fire up (open) RStudio