DS 6373: Time Series: Unit 1 HW

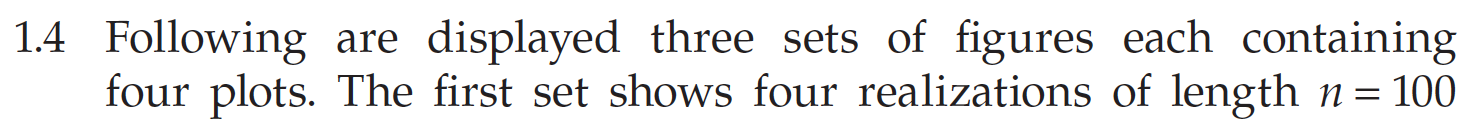
Below are the homework (HW) problems for this Unit. You do not need to submit the solutions rather double check your solutions to the solutions posted. Solutions are on GihHub. This is intended to let the student think about the problem and attempt it without the temptation to first look at the solution. Please write any questions to the Wall or in an email to myself and/or bring them up during office hours or even in the next Live Session. Remember that the concepts covered below are fundamental to the course and are fair game for the midterm and final.

Most importantly … Have a blast!

Table

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For problem 1.4 below… for this unit just match the realizations and the ACFs.



Diagram, engineering drawing

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Text, letter

Description automatically generated

See the R help for details.

For 1.6 also write a sentence or two about what you information you get from the acf… what is it suggesting about the process that is generating the data?