Research Project Progress Report Due 26 Nov

This week, you will complete and submit your research paper progress report.

The progress report is meant to help you access your own progress and ease you into the final project. It does not need to be complete, you have till the second week of December for the final report.

You may try to at least have a report with the main headings and some introduction. For the remaining Sections that are not complete at this time, you may leave it blank.

Here some of the resources below. Also, revisit Module 5 Lesson videos.

- DSCS6030_Research_Progress.pptx
- DSCS6030_Research_How_To_1_.pdf
- DSCS6030_Writing_Research_Paper.pptx

To submit, click on the blue title link "Research Project Progress Report Due 26th Nov."

This assignment due is now due Sunday by 11:59 PM

M11L1 Homework

Please note that there is no homework assignment for Lesson 1: Time Series Analysis (theory).

M11L2 Homework Assignment

This homework assignment focuses on ARIMA Models. You will provide a written analysis based on the following information:

- Can some form of Time series analysis help in your research project to forecast a prediction? If it can, apply Time series analysis to your research project? Does it help?
- If (and only if) you can't use some form of Time series analysis help in your research project, then apply a form of Time series analysis to the data the Twitter time series data set M11_Tweets_Miley_Nikki_Taylor.csv (it is online at http://nikbearbrown.com/YouTube/MachineLearning/M11/M11_Tweets_Miley_Nikki_Taylor.csv'). Does it help? e
  - o Note you only need to use ONE forecasting approach from Module 11, so there will be only ONE assignment for all the modules and the same assignment for all the modules.

As a reminder, please provide a written analysis/report as an .Rmd file. Note: This is a graded assignment due 26th Nov 2017 at 11:59 pm.

M11L3 Homework Assignment

This homework assignment focuses on Trend Analysis. You will provide a written analysis based on the following information:

- Can some form of Time series analysis help in your research project to forecast a prediction? If it can, apply Time series analysis to your research project? Does it help?
- If (and only if) you can't use some form of Time series analysis help in your research project, then apply a form of Time series analysis to the data the Twitter time series data set M11_Tweets_Miley_Nikki_Taylor.csv (it is online at 'http://nikbearbrown.com/YouTube/MachineLearning/M11/M11_Tweets_Miley_Nikki_Taylor.csv'). Does it help?
  - o Note you only need to use ONE forecasting approach from Module 11, so there will be only ONE assignment for all the modules and the same assignment for all the modules.

As a reminder, please provide a written analysis/report as an .Rmd file. Note: This is a graded assignment due by 26th November 2017 at 11:59 pm.

M11L4 Homework Assignment

This homework assignment focuses on Seasonal Models. You will provide a written analysis based on the following information:

- Can some form of Seasonal models help in your research project to forecast a prediction? If it can, apply seasonal models to your research project? Does it help?
- If (and only if) you can't use some form of Time series analysis help in your research project, then apply a form of Time series analysis to the data the Twitter time series data set M11_Tweets_Miley_Nikki_Taylor.csv (it is online at 'http://nikbearbrown.com/YouTube/MachineLearning/M11/M11_Tweets_Miley_Nikki_Taylor.csv'). Does it help?

o   Note you only need to use ONE forecasting approach from Module 11, so there will be only ONE assignment for all the modules and the same assignment for all the modules.

As a reminder, please provide a written analysis/report as an .Rmd file. Note: This is a graded assignment due by 26th November at 11:59 pm.

M11L5 Homework Assignment

This homework assignment focuses on Spectral Analysis. You will provide a written analysis based on the following information:

- Can some form of Spectral analysis help in your research project to forecast a prediction? If it can, apply time series analysis to your research project? Does it help?
- If (and only if) you can't use some form of Time series analysis help in your research project, then apply a form of Time series analysis to the data the Twitter time series data set M11_Tweets_Miley_Nikki_Taylor.csv (it is online at 'http://nikbearbrown.com/YouTube/MachineLearning/M11/M11_Tweets_Miley_Nikki_Taylor.csv'). Does it help?
  - o   Note you only need to use ONE forecasting approach from Module 11, so there will be only ONE assignment for all the modules and the same assignment for all the modules.

As a reminder, please provide a written analysis/report as an .Rmd file. Note: This is a graded assignment due by 26 Nov 2017at 11:59 pm.