



OPERATIONS MANAGEMENT

ADM 3301 A

Fall 2019

Assignment #2 - Group

Data report the number of new constructions for residential homes, per month, in thousands, from 2013 to 2018 in the state of Oregon.

1. Chart the data and compute forecasts for the twelve months of 2019 using the method presented in Forecasting Slides – page 46 (linear trend - regression) and its Excel file solution. Overlay your forecasts on the data chart **(20 Marks)**.
2. Compute the MAD of your model. Also compute and chart the tracking signal **(20 Marks)**.
3. Given your forecasts, the MAD and the tracking signal, use a textbox to provide an analysis of the quality of your model. Please provide a short explanation **(20 Marks)**.
4. In the Part 4 tab, use a different model, adjust the one above, or develop your own; and redo parts 1 to 3 based on it. Your new model must produce significantly better results in terms of forecasts, MAD and tracking signal **(20 Marks)**.

Spelling, presentation, clarity and ease of navigation **(20 Marks)**.

Personal Ethics Statement Concerning Telfer School Assignments

Group Assignment:

By signing this Statement, I am attesting to the fact that I have reviewed not only my own work, but the work of my colleagues, in its entirety.

I attest to the fact that my own work in this project meets all of the rules of quotation and referencing in use at the Telfer School of Management at the University of Ottawa, as well as adheres to the fraud policies as outlined in the Academic Regulations in the University's Undergraduate Studies Calendar. [Academic Fraud Webpage](#)

To the best of my knowledge, I also believe that each of my group colleagues has also met the rules of quotation and referencing aforementioned in this Statement.

I understand that if my group assignment is submitted without a signed copy of this Personal Ethics Statement from each group member, it will be interpreted by the Telfer School that the missing student(s) signature is confirmation of non-participation of the aforementioned student(s) in the required work.

Signature

Date

Last Name (print), First Name (print)

Student Number

Signature

Date

Last Name (print), First Name (print)

Student Number

Signature

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Last Name (print), First Name (print)

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