

NoA Connect Jr Data Scientist Case

Attached in a .csv file of hypothetical transaction data for a hypothetical e-commerce client. We'd like you to explore this data with python. There are a few avenues you can explore within this data set, focus on one:

- 1) Time series forecasting (There are a few things within here to forecast)
- 2) Predictive Customer Lifetime Value (There are a few packages to help you here)
- 3) Any other things you think you can do with this data, feel free to be creative but focus on providing value for the client

The case should be shown as a power point or google slides presentation and it should consist of two parts:

- 1) Your technical workflow
 - a. How you did what you did and why you did what you did.
 - b. Any data manipulation.
 - c. Any packages you've used.
 - d. Any fitting statistics for any models that you've used.
- 2) How would you present this to a potential client:
 - a. Who are you and why you'd like to work on their data?
 - b. What value could the client get from your data science work?
 - c. How could they use this going forward?
 - d. What would potential next steps be?