

Acorns Data Science
Interview Exercise

Instructions: Please read all of the instructions and the entire prompt below. Please return to us any code you write and any files that your code outputs. If you write any code, Python is the preferred language but you may use any language you like. Feel free to use any tools, data sources, or references but do document anything you use. This exercise is representative of the kind of work you will be doing here at Acorns. Please return your response to this exercise within 72 hours of receiving it.

Prompt: What are all the items that Macy's sells online? Please make a list of items you would be able to buy at www.macys.com. Explain how your approach could be generalized to other merchants. How would you assess how accurate you are?

Please submit a Jupyter notebook and include any third party data you have used with references to substantiate your methodology.

Preferences are given to the simplest answers based on sound principles that is most scalable in its implementation.