

## Technical Experience

- You don't have to be an experienced programmer, but you have to be comfortable with decomposing bigger problems into smaller ones that a computer can understand. Some experience with the basics of coding like variables, conditionals and loops will help.
- You need to be comfortable with basic algebra and should know what an equation of the form  $y = mx + c$  looks like on a graph. You don't need to be a math expert, but you need to be familiar with calculus and linear algebra and you will need to pick up a lot of statistics.

## Professional Experience

- If you have experience in a functional area (marketing, operations, finance, etc) and/or an industry (financial services, oil & gas, fast moving consumer goods, etc) where your career growth may be enhanced by data science skills, or if you have experience in programming already, this program will likely be a good fit for you.
- If you have a strong academic background in a quantitative field (e.g. a Masters in a STEM field or that requires statistics like a social science) and are looking to add practical programming and machine learning skills to your skill set, this program will likely be a good fit for you.