

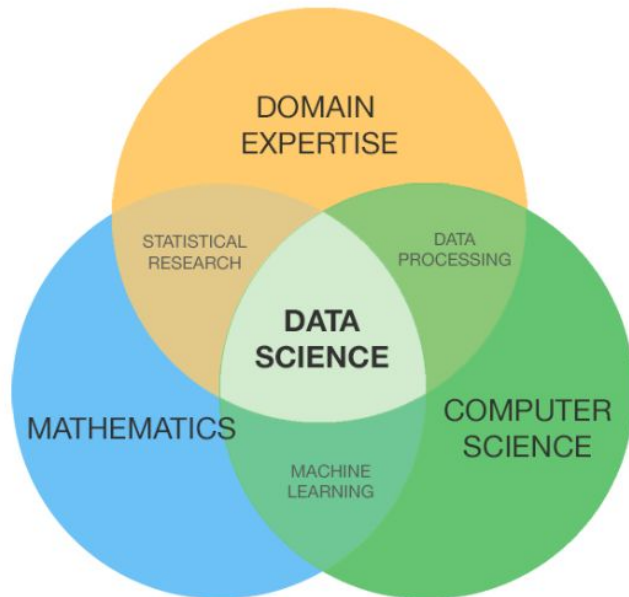


# Practical Data Science with Pandas

Max Ettelson & Justin Lee




# What is a Data Scientist?





# Data Science: Like Writing an Essay

1. **Ask a Question**
  2. Hypothesize
  3. Find Data
  4. Learn from data; adjust hypothesis if necessary
  5. Ask more questions
  6. Repeat steps 3-5 until satisfied with answer
  7. Visualize and present convincingly
- 




# **Our Experiences with Data Science**





# Tools We Will Use Today

- » Python
  - » Pandas
  - » Data Visualizations:
    - ◇ Matplotlib
    - ◇ Seaborn
  - » Jupyter Notebooks
- 



## A Simple Example:





**Questions?**

