DATA SCIENCE

A Glance to What we need.

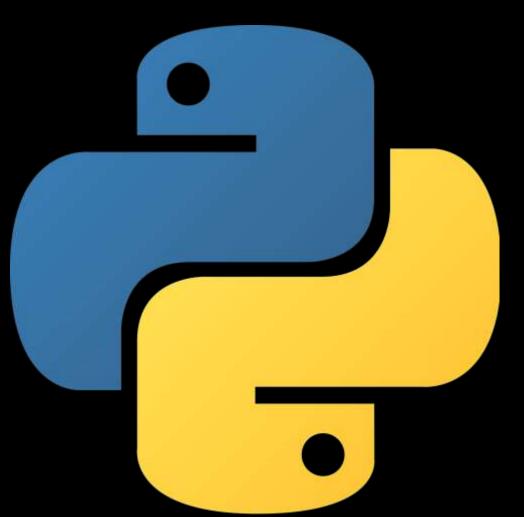
WHAT ARE WE DOING?

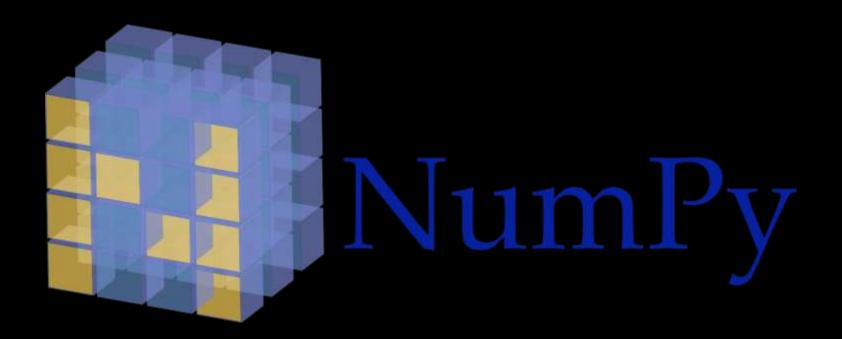


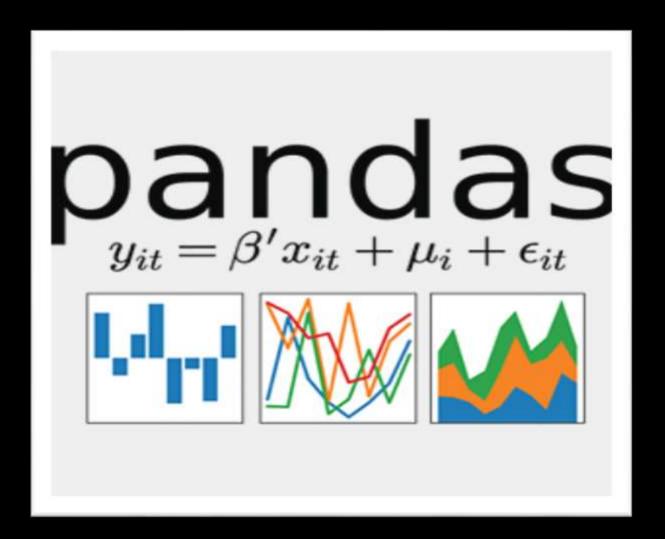
WHAT DO WE NEED?

- Astronomy Foundation
- Programming Foundation
 - Python
 - Numpy
 - Pandas
 - Matplotlib
 - Seaborn
 - Scipy
 - Data Science
 - Statistics
 - Mathematics
 - Machine Learning

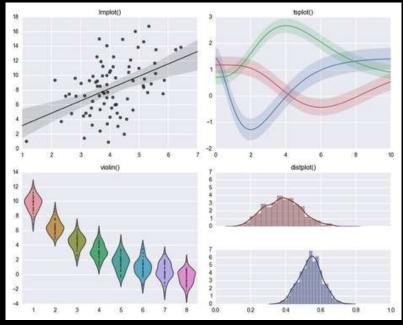
- Other Skills
 - SQL
 - Catalogs
 - Searching Skills
 - Team Work



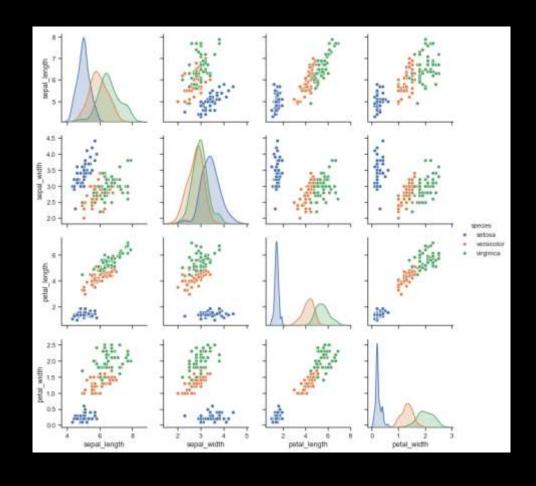




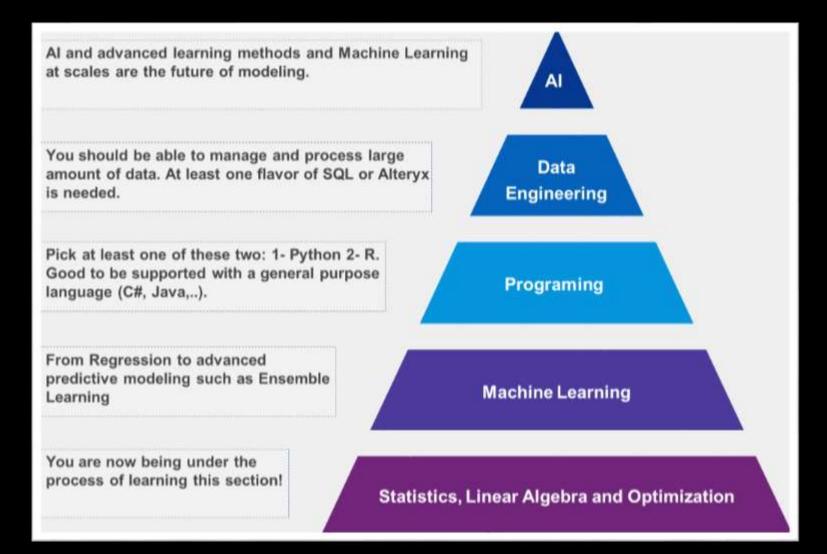


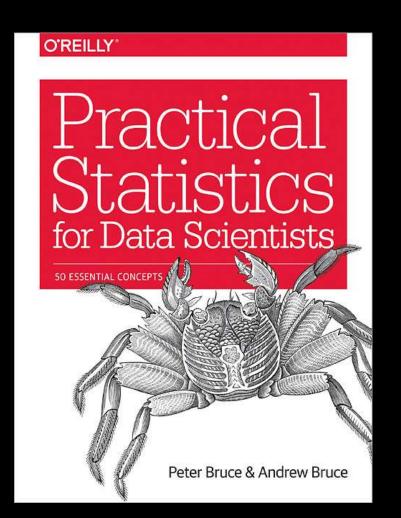


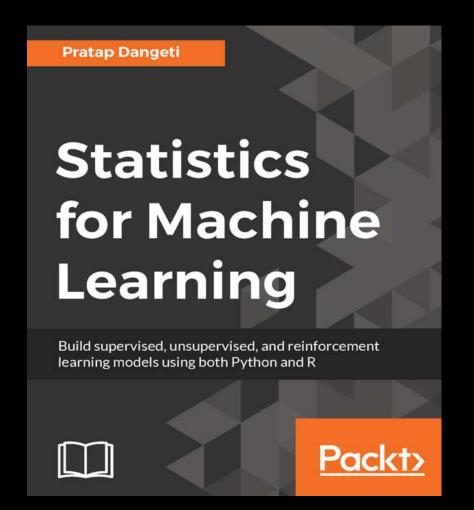


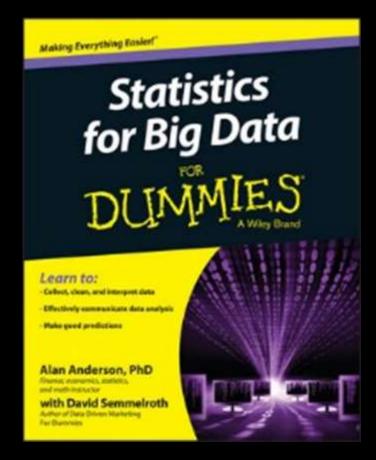


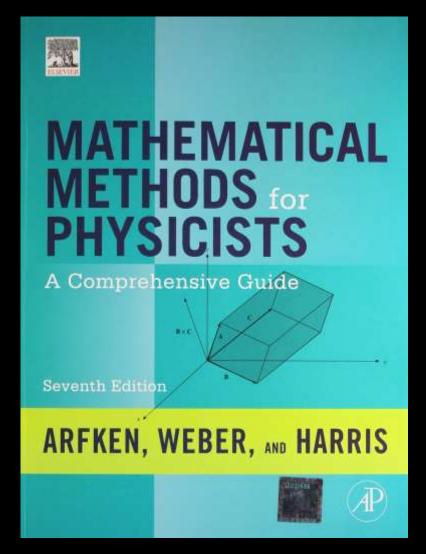


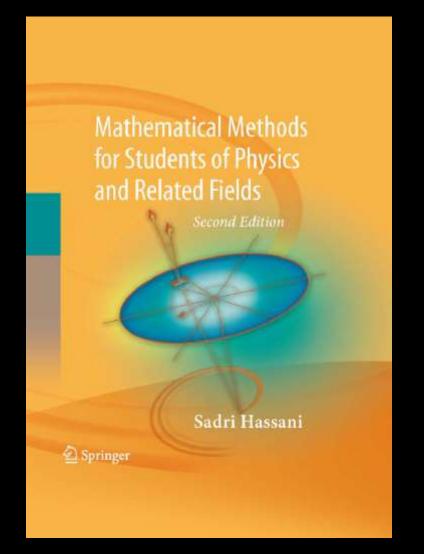


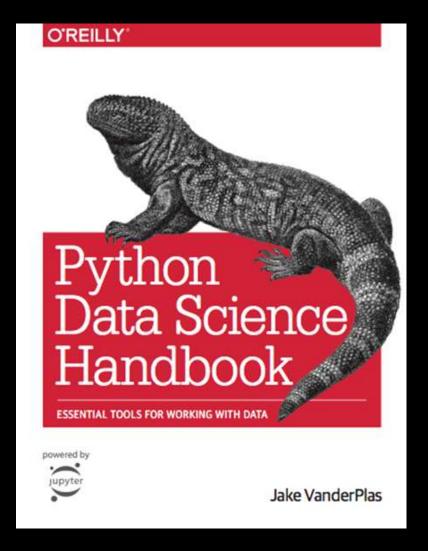


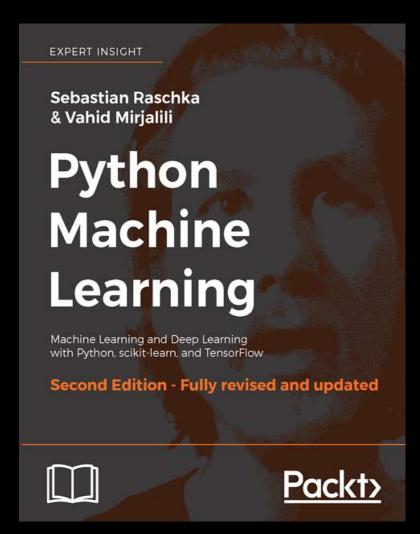












PROGRAMMING: OTHER SKILLS



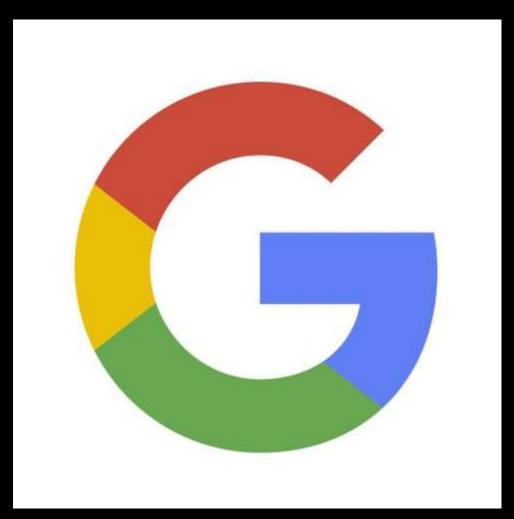
PROGRAMMING: OTHER SKILLS







PROGRAMMING: OTHER SKILLS



PRINCETON SERIES IN MODERN OBSERVATIONAL ASTRONOMY

STATISTICS, DATA MINING & MACHINE LEARNING IN ASTRONOMY

A PRACTICAL PYTHON GUIDE FOR THE ANALYSIS OF SURVEY DATA UPDATED EDITION

ŽELJKO IVEZIĆ, ANDREW J. CONNOLLY, JACOB T. VANDERPLAS & ALEXANDER GRAY

TEXT BOOK