**Textbooks:**

**Probability & Statistics for Engineers & Scientists**, Ninth Edition, Ronald E. Walpole, Raymond H.

Myer

**Elementary Statistics: Picturing the World,** 6

th Edition, Ron Larson and Betsy Farber

**Elementary Statistics**, 13th Edition, Mario F. Triola

**Reference books:**

**Probability and Statistical Inference,** Ninth Edition, Robert V. Hogg, Elliot A. Tanis, Dale L. Zimmerman

Probability Demystified, Allan G. Bluman

Schaum's Outline of Probability, Second Edition, Seymour Lipschutz, Marc Lipson

Python for Probability, Statistics, and Machine Learning, José Unpingco

Practical Statistics for Data Scientists: 50 Essential Concepts, Peter Bruce and Andrew Bruce

Think Stats: Probability and Statistics for Programmers, Allen Downey

Assessment types used:

A mix of weekly problem sets and programming assignments to be completed on Jupyter notebooks.

Students are expected to have a computer on which they can install and run Jupyter.