

QTM 350 Syllabus

General

- Class hours and location: online (enrolled students will receive a Zoom meeting invite by email)
- Prerequisites: QTM 220

Instructor

- [Jeremy Jacobson](#).
- Office hours: [schedule online](#).

References

- [Elements of Data Science](#)

Elements of Data Science is a textbook by Allen Downey written in the form of Jupyter notebooks. It provides an introduction to data science in Python for people with no programming experience.

- [AWS Academy Cloud Foundations \(login required\)](#)

AWS experts develop and maintain the Cloud Foundations reference material specifically for [AWS Academy](#) courses such as this to ensure it keeps pace with cloud innovation and to [prepare students](#) for real-world, industry challenges.

Grading

- 3 Homework assignments: 30%
- Weekly take-home quizzes: 20%
- Project proposal: 10%
- Final project: 30%
- Final exam: 10%

Project Proposal

- Your group will submit a 5-minute video presentation describing your proposed final project and a Jupyter notebook presenting preliminary results.

Final Project

- Your group will publish the final project in the form of a blog post hosted on AWS that presents the primary results and (2) a Jupyter notebook and github repository that contains the details.
- You will work in groups for the homework and project.
- Your work is governed by the [Emory Honor Code](#). Honor code violations (e.g., copies from any source including your colleagues and internet sites without reference and delineation of your contributions) will be referred to the [Emory Honor Council](#).

Final Exam

The final exam is cumulative. Questions from the assigned quizzes are pooled and a selection of these, or similar, make up the Final Exam. It is administered on Canvas using Respondus.

Accommodations

All information shared with me regarding your identity, disability and accommodations is confidential. Please contact me as soon as possible so that I can provide the approved accommodations outlined on the accommodation notification letter. I am happy to consult with ADSR in providing additional accommodations.