Welcome!

Welcome - we're excited you're here! This course, Understanding and Visualizing Data, is the first course in a larger Statistics with Python specialization. This syllabus will help give you a sense of how to succeed in this course before we move into introductory concepts.

Over the next several weeks, you'll meet a variety of team members who will walk through the concepts and examples throughout this course on looking at data.

In each week of this course, you'll be introduced to new statistical concepts. At the end of the week, you'll get a chance to learn about that week's concepts through the Python programming language, including tutorials and opportunities for practice through the Jupyter Notebook environment.

Prerequisites

This course requires a strong background in high school-level algebra. From a coding perspective, while we do provide some introductory/basic Python tutorials, if you do not have any prior experience in Python, we *highly recommend* the Coursera course **Programming for Everybody**, taught by our colleague Dr. Chuck Severance.

Tips for Success

- Brush up on your introductory Python skills
- To follow along with the lectures, download slides from the Course Resources section. These are also great resources on which to take notes, if needed.
- Display Jupyter Notebooks alongside Python tutorials on your screen to follow along/practice
- Utilize the course discussion forums

Grading and Assignments

This course includes a variety of assignments, from quizzes to writing assignments to programming assessments within the Jupyter Notebook environment. Note that some assignments and in-video quizzes may not be mobile friendly. You can see the grading breakdown below for each assignment:

Grading Breakdown

Week 1 Conceptual Quiz	10%
Week 2 Conceptual Quiz	10%
Week 2 Python Assessment	17.5%
Week 3 Written Peer Review Assessment	20%
Week 3 Python Assessment	17.5%
Week 4 Conceptual Quiz	10%
Week 4 Python Assessment	15%

Working Offline

While the Coursera platform has an integrated Jupyter Notebook system, you can work offline on your own computer by installing Python 3.5+ and the Jupyter software packages. For more details, consult the Jupyter Notebook FAQ.

Help!

If you're having problems, here are a couple of places to go for help:

- If the problem is with the Coursera platform, such as verification on assignments, in video quiz problems, or the Jupyter Notebooks, please check out the Coursera Learner Support Forums
- If a problem deals with understanding the assignment or how to use the Jupyter Notebooks, please read our Jupyter Notebook FAQ page in the course resources.

Enrollment Options

Within Coursera, enrollment in Specializations is available by monthly subscription. This means you can choose to pay a monthly fee to access all of the courses in a specific Specialization. Please note: For those learners who choose the “Audit Only” enrollment, you will not be able to submit assignments for grades nor see answers for those assignments. You will still have access to all the course materials but you will not be graded on your work, nor see answers to graded assignments.

For further information on the different enrollment options for Coursera courses, please visit the Enrollment Options Help page. If you have feedback about the enrollment options shared on the Enrollment Options page, you can share your thoughts with Coursera in this survey.

Code of Conduct

Visit Coursera’s Code of Conduct and to abide by guidelines there. It is important when giving feedback to your peers to be polite and to be sensitive to the diversity of cultures and backgrounds of learners in your course.

Accessibility

We strive to develop fully accessible courses. Occasionally, some of our content does not fully meet our accessibility goals. Please use this form to inform us of any accessibility issues you are experiencing in this course.