

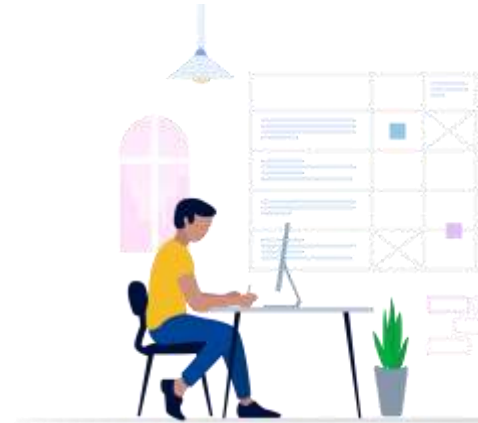
Dasani Data Science Course Syllabus

Lectures

Saturday lectures will take place from 11AM-2PM **CST** (9AM-12PM **PST**, 12PM-3PM **EST**)

Sunday lectures will take place from 5PM-8PM **CST** (3PM-6PM **PST**, 6PM-9PM **EST**)

Lecture Topic	Saturday Section	Sunday Section
Welcome + Vectors	11/14/20	11/15/20
Gradients + Web Scraping	11/21/20	11/22/20
Statistics + Neural Networks	12/05/20	12/06/20
Natural Language Processing + Image Classification	12/12/20	12/13/20
Deploying to the Web	12/19/20	12/20/20
Resume Workshop + Interview Practice	01/02/20	01/03/20
Mock Interviews	Varying	Varying
Project Demos + Next Steps	01/09/20	01/10/20



Assignments

Though there is no hard deadline, it is recommended that assignments are completed within one week of the lecture covering the topic. We will also spend time in class working on the assignments interactively to ensure understanding.

Assignment	Week
Introduce Yourself! + Vectors Exercises	Week 1
Gradients Exercises + Web Scraping Exercises	Week 2
Statistics Exercises + Neural Networks Exercises	Week 3
Tweet Competition + CNN Exercises	Week 4
Begin Final Project	Week 5
Schedule and Complete Mock Interview	Week 6
Present Project!	Week 7



Instruction

We will be using [Google Meet](#) for videoconferencing and [Virtually](#) for an online classroom experience (like Canvas, but better).

Lecture material, supplementary code, and exercises will all be hosted through [Google Colab](#). Colab is a notebook-like development environment in the browser that allows anyone to write and instantly share code with no setup required. No prior experience with Colab is necessary to enroll in this course.

