

Data Science for High Schoolers



High School students looking for getting a head start in the field everyone is talking about!



Reason for taking this course?

To learn ideas to make a foundation for a future data science major, add to existing software programming knowledge, get oriented towards reproducible research.

What kind of course is this?

This course is a 8 lesson course with over 20 hours of learning material. Each class will have hands on coding, presentation, downloads, white papers, resources, and so much more!

How long will this course take?

This course is a 8 class course, with each class running for 90 to 120 minutes. Designed as a workshop style course, we intend to start a couple of weeks after school closes.

Cohort 1: Jul 9 to Aug 1, 6pm Mon & Wed
Cohort 2: Aug 8 to Aug 31, 6pm Wed & Fri

☰ Course Outline

Introduction

Lesson 1: Introduction to R - I

Lesson 2: Introduction to R - II

Lesson 3: Statistics and Linear Algebra - I

Lesson 4: Statistics and Linear Algebra - II

Lesson 5: Hunting for data, exploratory data analysis, Visualization - I

Lesson 6: Hunting for data, exploratory data analysis, Visualization - II

Lesson 7: Machine learning - I

Lesson 8: Machine learning - II

☰ Prerequisites

Programming Skills: Python

Laptop: If you don't find it slow it is good

Your Time: We would provide take home projects to recap and extend material covered in class. 😊

A sneak peek of what's in this course:



Sample code



RStudio, Anaconda



How to set up reproducible research



Explore full data science pipeline



And So Much More...

**Sign up Here for Cohort 1
Jul 9 to Aug 1**

OR

**Sign up Here for Cohort 2
Aug 8 to Aug 31**

The cost of this course is \$125 for 8 classes.