

F.I.T. – Finding Independent Track 2020

Data Sciences Introduction & Objectives

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Prerequisites: Reading, Writing, Scholarship, Programming and Intro to Statistics (offered prior to the start of the F.I.T program)

Objectives: Students will learn to analyze multiple real-world datasets. They also will learn to analyze the complete data analysis cycle (data collection, preparation of algorithms and analysis of results) by taking our current situation as an example - COVID-19 in the U.S. They will apply the insights that they have gathered from data analysis to other fields including public health, medicine, and earth and social sciences. The final project for Data Sciences track will involve analyzing COVID-19 data and projecting/predicting future positive cases. Findings from these studies will be presented orally using power-point slides as a media in addition to a formal written report.