Berkeley
SCHOOL OF INFORMATION

DATASCI Course Prerequisite Guide

X = Course Prerequisite
O = Course Co-Requisite

Updated 2/9/2022

Courses	Content Prerequisites	DATASCI 201 Research Design & Applications for Data & Analysis	DATASCI 203 Statistics for Data Science	DATASCI 205 Fundamentals of Data Engineering	DATASCI 207 Applied Machine Learning
DATASCI 207 Applied Machine Learning	Python / Linear Algebra / NumPy / Github	X	X		
DATASCI 209 Data Visualization	Tableau / JavaScript / D3 / Illustrator	X	X	O	
DATASCI 210 Capstone		X	X	X	X
DATSCI 231 Behind the Data: Humans & Values		X			
DATASCI 233 Privacy Engineering	Statistics	X			
DATASCI 241 Experiments & Causal Inference	R / Statistical Analysis / Cleaning & Mining Data	X	X		
DATASCI 251 Deep Learning in the Cloud & at the Edge	Python / C / Java Linux / Github	X	X	X	
DATASCI 255 Machine Learning Systems Engineering	Command Line (Bash) / Python / Git / Networking Concepts (DNS)	X		X	X
DATASCI 261 Machine Learning at Scale	Apache Hadoop / Spark	X		X	X
DATASCI 266 Natural Language Processing with Deep Learning	Python / Machine Learning Fundamentals	X			X
DATASCI 271 Statistical Methods for Discrete Reponse, Time Series, and Panel Data	Calculus / Linear Algebra / Matrix Notations / Strong exp. in R	X	X		
DATASCI 281 Computer Vision	Linear Algebra Python	X			X