

Northwestern University Social Science Math Camp

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This is the repository for the Math Camp for the Social Sciences at Northwestern University.

In this repository there is a page for each day of work, resources both related to and unrelated to this course, and supplementary material.

Day	AM content	PM Content	Readings
1	Foundations of Quantitative Social Science	Intro to Base R + Other Software	Moore & Siegel, ch. 2
2	Algebra and Pre-Calculus	tidyverse I	Moore & Siegel, ch. 3, ch.4
3	Calculus I: Derivatives	tidyverse II	Moore & Siegel, ch. 5
4	Calculus II: Integrals	Tidyverse Recap	Moore & Siegel, ch. 7
5	Linear Algebra	Exploratory Data Viz	Boyd and Vandenberg, Skim Sections 1 and 2
6	Probability I	Project Management + Version Control in R	Moore & Siegel, ch. 9
7	Probability II	Applied Data Project	Moore & Siegel, ch. 10, ch. 11
8	Recap		
9	Drop-In Review		

PM Lab Activities

Supplementary Material

Some of the materials here were developed based on the Harvard Math Prefresher for Political Scientists Booklet, the UCSD Political Science Math Camp Booklet, as well as previous iterations of the NU Math Camp curriculum developed by Jean Clipperton.