Econ 117b. Introduction to Data Analysis and Econometrics

**Day / time:** T/Th 11:35 - 12:50 pm  
**Course Type:** Undergraduate  
**Course term:** Spring  
**Instructor(s):** John Eric Humphries

Core course

Introduction to data analysis from the beginning of the econometrics sequence; exposure to modern empirical economics; and development of credible economic analysis. This course emphasizes working directly and early with data, through such economic examples as studies of environmental/natural resource economics, intergenerational mobility, discrimination, and finance. Topics include: probability, statistics, and sampling; selection, causation and causal inference; regression and model specification; and machine learning and big data.

Prerequisites: ECON 108, 110, 115, or equivalent and familiarity with single variable calculus. Students who have taken 131 will not receive major credit for 117

**Undergrad Course Category:** Core
**Methodology**
**Course Description:** Course Description
**Prerequisite List:** Only intro micro as prerequisite

**Source URL:** [https://economics.yale.edu/courses/econ-117b-introduction-data-analysis-and-econometrics](https://economics.yale.edu/courses/econ-117b-introduction-data-analysis-and-econometrics)