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](https://economics.yale.edu/)

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

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