

College Navigator: Exploring U.S. Colleges with R Shiny

STA 230 - Final Project Presentation

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PROJECT BACKGROUND

- Explore trends in U.S. college admissions, diversity, and similarities.
- Support college decision-making for students and parents.
- Built using R Shiny for interactive data exploration.



ABOUT THE DATA

- Sourced from **U.S. Department of Education's College Scorecard**.
- ~**6,600** institutions and ~**3,300** features.
- Covers institutional characteristics, enrollment, student aid, costs, and student outcomes.
- Data is publicly available and well-documented.

Data Home

Download the data that appear on the College Scorecard, including institutional characteristics, enrollment, student aid, costs, and earnings, and more.

This data was **last updated April 23, 2025**.

All Data Files

[Download \(.zip, 390 MB\)](#) 

- Institution-level data files for 1996-97 through 2022-23, including institutional characteristics, enrollment, student aid, costs, and student outcomes.
- Field of study-level data files for the pooled 2010-11 through 2022-23, containing data at the credential level and 4-digit field of study, including student aid, debt at graduation and earnings one year after graduation.
- Crosswalk files for 2000-01 through 2022-23 that link institution-level data to field of study-level data.

Most Recent Institution-Level Data

[Download \(.zip, 22 MB\)](#)

APP DEMO!

Followed by a
Relevant Use Case/Finding



THANKS FOR LISTENING!

1. <https://collegescorecard.ed.gov/data/>
2. <https://github.com/khanhdo05/stats-final-230/>
3. <https://rebelskyw.cs.grinnell.edu/wp-content/uploads/2025/04/Midterm4.html>

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