

COLLEGE SCORECARD PROPOSAL

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- **Problem**

Parents and Students always have a question on how much a college contribute to students' careers or what role it plays in students landing a better job. I want to do this project to understand the relationship between future income and the university the student attends. This helps in students making the right educational investments and it will also help make the returns on higher education more transparent.

<https://collegescorecard.ed.gov/data/>

- **Client**

Students who are in high school will benefit from this analysis. This will help in making a data driven decision in choosing the college rather than going by reputation

- **Project Outcome**

Predict the factors that contribute to student landing in a high income job. I will look at factors such as college tuition fees, location, race, gender, SAT/ACT scores, courses taken, student attendance etc. This is a social project which will help students in choosing the right college and course.

- **Data**

The college scorecard data at the link below allows to compare how well individual post-secondary institutions are preparing their students to be successful. This provides data to help students and families to compare college costs and outcomes as they weigh the tradeoffs of different colleges

<https://collegescorecard.ed.gov/data/>

The data below provides the salaries of students for different colleges:

<https://www.kaggle.com/wsj/college-salaries>

- **Project Strategy – Method and Solution**

1. Explore the data first to understand the structure of the data. The College Scorecard provides extensive data dictionary which is useful to have complete understanding.

2. I will look at factors such as college tuition fees, race, gender, SAT/ACT scores, courses taken, student attendance, location to understand what attributes contribute to better financial outcomes for students.
3. Understand the relationship between career path and the college type of the student

- **Deliverable**

Project Code on Github, slide deck and summary report