

STEM Majors and Jobs

Ricky Gajeski
Cheyann Odle



What majors lead to the best jobs?

Overview

Comparing Humanity majors against STEM majors to job incomes. This is to help determine which field offer the best overall job options after graduating. Having an idea about what field you want to go in can narrow down your options for a major tremendously.

Examined Factors

- Majors: Humanities/ STEM
- Employed/ Unemployed
- Age
- Gender
- Major to Income

What Are We Looking For?

- Are STEM or Humanities majors more successful?
- What majors went with the highest income
- Jobs with the lowest unemployment rate
- Jobs with the lowest salary ranges
- Gender

We want to know which majors lead to the highest paying jobs, low unemployment rate, and best median salary. For this, we will measure the twenty fifth and seventy fifth percentile of salaries for each major to determine the volatility of salary ranges and see if each major's salaries are stable and consistent in terms of salary. We will also compare unemployment rates between each major and overall compare these analysis between STEM and Humanities majors to find which group of majors is the best option.

Timeline

Feb 10th: proposal Due

Feb 15th: Ricky: Start comparing data for Overall Majors: graduated, undergraduate, dropped out, stem/humanities

Feb 18th: Cheyann: Start Comparing Salaries: Highest paid, lowest paid, part time/ full time

Feb 22nd: Ricky: Reevaluate Timeline, Compare unemployment/Employment, and incorporating majors

Feb 25th: Cheyann: Compare Genders (histograms)

- **March 1st:** Ricky: Start report
- **March 8th:** Cheyann: Run overall summary
- **March 10th:** Ricky & Cheyann: evaluate timeline
- **March 24th:** Ricky & Cheyann: Presentation/ Preliminary/ Data
- **April 19th:** Ricky & Cheyann: Modeling Demonstration/Peer Review Draft
- **May 8th:** Ricky & Cheyann: Final Present



Questions?