**Project Proposal:**

**Objective**:

Create a model that will predict whether someone should get a college loan for a particular major at a particular university. Furthermore, visualize using Power BI the different majors at different universities including Total Tuition Cost, Average Income, Job Growth, Income Trajectory, and Amortization.

**Plan:**

1. Collect data on different universities and majors.
   1. Have a CSV that has majors, universities, and tuition cost
      1. Collect the top 20 most popular majors in the United States
         1. [The Most Popular College Majors – Niche Blog](https://www.niche.com/blog/the-most-popular-college-majors/#:~:text=The%20Most%20Popular%20College%20Majors%20%20%20,Colleges%20for%20Biology%20%2015%20more%20rows%20) (Posted on June 18, 2019 Updated on March 2, 2023)
      2. Collect the top 50 most popular colleges
         1. Include some ivys, state colleges, public colleges, and private colleges
         2. [Top 50 Best Colleges in the United States | 2022 RankingsCollege Raptor](https://www.collegeraptor.com/find-colleges/articles/2022-university-rankings/top-50-best-colleges-in-the-united-states-2022-rankings/#:~:text=Top%2050%20Best%20Colleges%202022%20in%20the%20United,8%208%20University%20of%20Pennsylvania%20...%20More%20items)
      3. If a major is not at a university, the cost is the average tuition cost
2. Collect data on the job prospects for people of a particular major
   1. Look into Average Income
   2. Look into Job Growth
   3. Look into Income Trajectory
3. Collect data on loaning money for education
   1. Look at how long on average borrower’s take to pay the loan
   2. Look at the interest rate
   3. See the amortized amount with regards to principal and interest

For now we will focus on the data aspect and show the trajectory of one’s income with respect to the debt being accrued.