**Project 2 Proposal- Group 5**

**Members:** Sierra Gomez, Sierra Quevedo, Austin Calvo

**Data Interest / Field:**

Our interest is in the field of education. Success of an educational institution is frequently measured by the graduation rate of their students. Success of an individual student can be affected by multiple factors including access to certain resources that higher incomes can provide. We are interested in exploring the relationship between income and graduation rates in Travis County, Texas.

**Questions we’ll ask of the Data:**

1.Are higher income zip codes more likely to have higher graduation rates?

2.What is the median income and median graduation rate for Travis county?

3. What is the difference in percentage between the 1st and last quartile graduation rates?

**Sources of Data:**

1. Publisher data.austintexas.gov. (2022, June 2). *Travis County 4-year high school graduation rates by campus*. Catalog. Retrieved September 12, 2022, from <https://catalog.data.gov/dataset/travis-county-4-year-high-school-graduation-rates-by-campus-b2c05>

Collected via CSV file.

1. *Travis County Demographics*. Point2. (n.d.). Retrieved September 12, 2022, from https://www.point2homes.com/US/Neighborhood/TX/Travis-County-Demographics.html#MedianIncomeByZipcode

Collected via web scraping.

**Type of Final Production Database:**

Relational Database. Out final data will be stored in SQL.