

- Title: Ensuring Successful Retirements
- Members: Hana Wasif, Amanda Delgado, Agustín Rodríguez, Jessica Velasquez, and Rebekah Roehl
- Ideas
 - Finance
 - Retirement
 - Demographics
 - ~~○ Geographical Data~~
 - ~~■ Regions (eg. Time Zones or Literal Regions)~~
- Main Objective
 - Evaluate ~~saving strategies for retirement among different demographics in the U.S.~~ to improve Americans' retirements.
 - Defining Successful Retirement:
 - Possible Variables:
 - ~~● Salary~~
 - Level of Income
 - Inflation
 - Employment/Type of Employment
 - Measuring Success
 - ~~● Earlier Age of Retirement (FIRE)~~
 - ~~○ Barista FIRE~~
 - Comfortable with Income
 - 80% of pre-retirement's income is replaced.
 - Citation:
 - ~~■ Does FIRE refer to people who retire before receiving benefits of social security?~~
 - ~~● Citation:~~
 - ~~○ 62 receives benefits.~~
 - ~~○ 67 is full retirement.~~
 - ~~○ Earlier with less, increase with 70?~~
- Possible Questions
 - How does level of income affect retirement?
 - ~~○ How does life expectancy affect retirement?~~
 - How does occupation affect retirement?
 - ~~■ How does salary affect retirement?~~
 - How does employment/type of employment affect retirement?
 - ~~○ Retirement by state, retirement by region?~~
- Limitations: We must take the following into account while working.
 - Recessions are shown in the link, below:
 - <https://fred.stlouisfed.org/series/CXURETIRINCLB0407M>
 - ~~○ Big cities may affect geographical data.~~
 - ~~■ How? Citation:~~
 - ~~○ Different occupations (eg. coal mining) entail different salaries and different life expectancies.~~

- Potential Sources: Pick ~3 or less.
 - ~~Census~~: <https://api.census.gov/data.json>
 - ~~Social Security Administration~~
 - ~~Department of Labor (Form 5500)~~: <https://pypi.org/project/pydol/>
 - Bureau of Labor Statistics: <https://pypi.org/project/bls/>
 - ~~Consumer Price Index~~
 - ~~Occupational Outlook Handbook~~: <https://www.bls.gov/oon/home.htm>
 - ~~Employee Benefit Research Institute (EBRI)~~
 - ~~National Institute on Retirement Security~~
 - <https://www.numbeo.com/common/api.jsp>
 - <https://data.gov/>
 - <https://www.federalreserve.gov/econres/scfindex.htm>
 - <https://www.federalreserve.gov/econres/scfindex.htm#chartbook>
 - <https://www.federalreserve.gov/publications/october-2023-changes-in-us-family-finances-from-2019-to-2022.htm>
 - <https://stackoverflow.com/questions/2536047/convert-a-dta-file-to-csv-without-stata-software>
- Interpreting Source
 - Standard Error Documentation – Describing how Case IDs are duplicated to account for statistical errors...
 - https://www.federalreserve.gov/econres/files/Standard_Error_Documentation.pdf
 - Survey of Consumer Finances (SCF) – Mentioning Replicate Weight Files...
 - <https://www.federalreserve.gov/econres/scfindex.htm>
 - Macro: Defining values...
 - <https://www.federalreserve.gov/econres/files/bulletin.macro.txt>
- Tasks
 - Hana
 - Sharing Proposal
 - GitHub
 - Slides for 10-Min. Presentation
 - Goal: Story-Telling and Truth-Telling
 - Tentative Script for Presentation
 - Amanda
 - Cleaning the data
 - ~~Column for Regions~~
 - Agustín
 - Source
 - Retrieving the Data
 - Analysis

- Jessica
 - Source
 - Retrieving the Data
 - 3 Graphs
- Rebekah
 - Source
 - Retrieving the Data
 - 3 Graphs