

README

Project Title: The Demographic and Socioeconomic Makeup of Biomedical Research Workers in the United States.

Executive Summary:

This file presents the content of all files and details by section.

Data Source:

- ACS data ([ACS Data Source](#)).

Data Dictionary:

- **State:** State code representing different states in the U.S.
- **Age:** Age of the individual, ranging from 18 to 70 years.
- **Citizenship Status:** Citizenship status of the individual, categorized into different codes.
- **Class of Worker:** Employment status categorized into various classes of workers.
- **Education Attainment:** Level of education attained by the individual.
- **Sex:** Gender of the individual categorized as male or female.
- **Salary Income Past 12 Months:** Income earned by the individual in the past 12 months.
- **Disability:** Disability status of the individual, categorized as with or without a disability.
- **Employment Status:** Employment status of the individual, categorized into different codes.
- **Recoded Detailed Hispanic Origin:** Hispanic origin of the individual, categorized into different codes.
- **Occupation:** Biological Scientists, Medical Scientists, Chemists, Biological Technicians, and Chemical Technicians.
- **Race:** Race code representing different racial categories, including White, Black or African American and Asian
- **Year:** The year of data, ranging from 2018 to 2022.

Coding file:

- Data Loading
- Data Cleaning
- Data Visualization
- Regression

Presentation:

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- Project Rationale
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- Data Overview
- Data Wrangling
- Descriptive Analysis
- Visualization
- Table Shell
- Regression Analysis
- Observations
- Occupational Analysis
 1. Race and Employment Dynamics
 2. Educational Attainment and Income Disparities
- Data Verification
- Conclusion

Report:

- Summary
- Problem Understanding
- Methodology
- Results
- Potential Next Steps
- Appendices
- Conclusion

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