

BEN MEIER

📍 Dallas, TX

📞 608.620.4620

✉ meier_benjamin@outlook.com

🔗 https://bennnyys.github.io/Ben_Meier/

SUMMARY

A data scientist passionate about environmental and socioeconomic issues. I have 5 years of experience working with data to inform economic research and financial regulation. I look forward to new experiences that align with my passions.

EDUCATION

Master of Information and Data Science, University of California, Berkeley

📅 2022 – Present

- GPA 4.0 of 4.0
- Relevant courses: research design, machine learning

BS, Applied Math and Industrial Engineering, Iowa State University

📅 2011 – 2016

- GPA 3.9 of 4.0

TECHNICAL SKILLS

Programming

- Python: Pandas, NumPy, SciPy, Scikit-learn, Beautiful Soup
- R: RStudio, Tidyverse, ggplot2, Dplyr, Shiny
- SQL, HTML, CSS, VBA, SAS, Stata

Visualization

- Python: Matplotlib, Seaborn, Plotly
- Tableau, Power BI

Data skills

- Cloud computing: AWS Sagemaker, Google Collab
- Databases: SQL, SQL Server, SSIS
- Git, Anaconda, Jupyter, VS Code, Visual Studio

Methods

- Machine learning: clustering, K means, K nearest neighbors, naive Bayes
- Statistics: logistic/linear regression, gradient descent

PROJECTS

- Exploratory Data Analysis of Los Angeles Traffic Collisions: demonstrates EDA, Pandas, Matplotlib, Seaborn
- Meier, Benjamin, et al., 2018. *Minimum Wages and Occupational Skills Acquired During High School*: demonstrates Stata, principal component analysis, probit estimation

PROFESSIONAL EXPERIENCE

Federal Reserve Bank of Dallas

📍 Dallas, TX

Programmer Analyst II, Statistics

📅 2019 – Present

- Performed data migration and database design to on-board two new survey collections
- Developed dashboard for preliminary survey data to enable on-demand customer data access eliminating a 1-day lead time
- Developed four extract-transform-notify python automation jobs to eliminate over 700 hours of staff work per year
- Developed K-means clustering notebook and KNN clustering notebook to test proof of concept to pilot AWS Sagemaker environment
- Led requirements, development, testing, and deployment of five minor version software releases

Economic Research Assistant, Research

📅 2018 – 2019

- Developed R script to automate the retrieval, cleaning, and validation of data for economic modeling
- Developed VBA excel workbook to automatically update FOMC regional data

Business Operations Analyst, FRB Houston

📅 2016 – 2018

- Improved data collection and analysis of district cafeteria IRS de minimis calculation