Emily Reynolds

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Portfolio: emilyreynolds.me - github.com/emreynolds9

Data Analyst with a B.S. in Economics. George Washington University Data Analytics Boot Camp graduate. Strong communicator with a diverse skill set working with data, processes, software, and people.

Technical Skills

Tools: Python, Pandas, Excel, Azure DevOps, Domo, SQL, Salesforce, VBA, JavaScript, HTML, CSS, APIs, Leaflet.js, Matplotlib, Heroku apps, Scikit-learn, D3.js, BeautifulSoup, Tableau
Skills: Data visualization, cleaning, data analysis, ETL, automation, process improvement, machine learning, web scraping, economics, finance, mathematics, database management, database maintenance

Projects

Housing Affordability in High Tech Cities - github.com/Nishadows/housingmarket
- A machine learning model to estimate housing affordability based on technology sector prevalence using data from ~1,400 counties across the US, see: housingmarket.herokuapp.com/tech_education_model
- Tools: Python, Pandas, Scikit-learn, Matplotlib, Tableau, HTML

Mapping Earthquakes - github.com/emreynolds9/Earthquake-Map - emilyreynolds.me/Earthquake-Map
- Visualization which utilizes the United States Geographical Survey API to map global earthquakes in the last seven days.This interactive map changes in real time.
- Tools: JavaScript, Leaflet, HTML, CSS, API

Experience

Senior Data Analyst   April 2022 - Present
FCP / Chevy Chase, MD
Cross-functional data warehousing and analytics for FCP's fundraising, accounting, and capital market teams. This includes data cleaning, automating processes and reports, and maintaining data integrity.
Key Accomplishments:
- Cleaning and re-design of primary tables for data warehouse migration from PostgreSQL to Azure SQL DB.
- Automated reporting for fundraising and investor relations, significantly decreasing time spent creating reports for investors.
- Automated financial compliance debt reports which are shared with external shareholders.

Associate Analyst   Jan 2020 - December 2021
Analyst   December 2021 - March 2022
RiskSpan / Arlington, VA
Validation and testing for financial models and data services. Data cleaning using Python, deploying and reviewing financial modeling scripts, automating updates to web platform, and UAT testing.
Key Accomplishments:
- Securities Allowance: implemented a new product to calculate expected credit losses; assisted in writing code, developing and testing processes, and executing the product quarterly.
- Loans Allowance: Implementation, testing, and maintenance of Commercial Real Estate and Commercial and Industrial loan models in online software.
- Regression Testing: developed helper scripts for month-over-month quality testing of datasets

Education

George Washington University / Data Analytics Boot Camp / Arlington, VA
Completed 24-week, in-person class focused on data cleaning, analytics, and visualization.

Florida Gulf Coast University / B.S. Economics / Fort Myers, FL
Minor in Mathematics - Honors Program