

Emily Reynolds Orr

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Portfolio: emilyreynolds.me - github.com/emreynolds9

Detail-oriented Data Analyst with a B.S. in Economics. GW 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, SQL, Azure DevOps, Databricks, Data Factory, Domo (BI Platform), 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, discrepancy/delta analysis

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 - December 2023

Associate

January 2024 - Present

FCP / Chevy Chase, MD

- **Data Analysis and Management:** Proficient in analyzing and managing large datasets, including discrepancy analysis and track record automation projects.
- **Technical Proficiency:** Skilled in advanced Excel functions, SQL, VBA, and Python scripting to automate reports and processes.
- **Cross-functional Collaboration:** Supports FCP's fundraising, accounting, capital market, and development management teams with data warehousing and analytics, including data cleaning, process automation, and maintaining data integrity.
- **Data Warehouse Ownership:** Manages data warehouse migration from PostgreSQL to Azure SQL DB, cleans and redesigns primary tables, automates reports, and creates dashboards for stakeholders.

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.

- **Securities Allowance and Loans Allowance:** implemented SaaS products to calculate expected credit losses for securities and loans of various product types.
- **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