

# KRISTINA FRAZIER

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Experienced Analytics Engineer and Data Scientist skilled in transforming raw data into analytics-ready assets and delivering scalable, stakeholder-aligned solutions. Proficient in SQL, DBT, Python, and R, with hands-on experience in cloud platforms (Databricks, Snowflake), ELT pipeline development, and dashboarding (Looker, Qlik, Tableau). Adept at integrating business logic into data models, applying CI/CD and Git best practices, and communicating technical insights clearly and persuasively.

## EDUCATION

**Master of Science in Data Science** | American University | 2025  
**Master of City Planning** | University of Pennsylvania | 2013  
**Bachelor of Arts in History** | Georgetown University | 2009

## SKILLS

**Coding:** SQL, Python, PySpark, R, Git  
**Platforms:** Databricks, Jupyter, Snowflake, DBT  
**Visualization:** Looker, Tableau, Qlik, Dash

## PROFESSIONAL & ACADEMIC EXPERIENCE

**Lead Data Scientist** | Booz Allen Hamilton | Alexandria, VA | 06/2022 – Present

- Onboard new data sources by building and maintaining robust data models in Databricks with SQL, Python, R, and PySpark—supporting the DoD’s mission of using data-driven insights to enhance readiness.
- Lead comprehensive data analysis by redesigning and optimizing ELT workflows with SQL/Python scripts, streamlining data retrieval, cleaning, and feature engineering to produce actionable insights.
- Develop Qlik dashboards featuring interactive visualizations for self-service analysis of mission readiness data, while implementing quality control measures, managing metadata, and ensuring data accuracy, consistency, and security.

**Graduate Student, MS in Data Science** | American University | Washington, DC | 2022 – 2025

- Gained experience turning raw data into analytics-ready assets using analytics engineering methods.
- Built and assessed predictive models in R, including regression, classification, and time series.
- Engineered Python scripts for data ingestion and transformation, integrated into CI/CD pipelines to support automated workflows.
- Relevant Coursework: Regression, Statistical Machine Learning, Predictive Analytics, Data Science, Database & Big Data, Business Insights Through Analytics, Applied Managerial Statistics
- Capstone Project: Built a full-stack analytics app leveraging an eBay API, SQL-based data modeling, and a front-end in Dash providing users with pricing predictions and insights for strategic resale decisions.

**Product Data Analyst** | Bread Financial | New York, NY | 01/2022 – 06/2022

- Developed SQL data models using Snowflake and DBT, enabling product managers to assess product performance.
- Built Looker dashboards to model data for buy now, pay later loan products to express performance KPIs.

**Data Research Analyst** | The Heinz Endowments | Pittsburgh, PA | 01/2021 – 12/2021

- Mined historical grant data with SQL to report descriptive statistics on the financial impact of proposed grants.
- Employed Python to wrangle, clean, and integrate multiple datasets, enhancing overall data quality.
- Analyzed and reported state, county, and regional demographic data to inform strategic grantmaking decisions.

**Map Creation Specialist** | Uber Advanced Technology Group | Pittsburgh, PA | 01/2020 – 12/2020

- Created detailed digital maps for autonomous vehicle navigation by developing roadway condition representations to support self-driving algorithm development.
- Conducted quality assurance reviews to ensure map accuracy and data reliability.
- Leveraged QGIS to curate and analyze GIS data for identifying new mapping opportunities.

**Planner III, Military/Federal Master Planner | WSP USA | Pittsburgh, PA | 03/2019 – 01/2020**

- Provided urban planning consulting for Air Force, Army, and Navy installation clients, supporting facility renovations and new construction projects.
- Facilitated stakeholder workshops to develop detailed facility plans that aligned with client objectives.
- Researched and documented existing conditions to guide strategic infrastructure development and client reporting.

**Urban Planner & Data Analyst | Arlington County Government | Arlington, VA | 02/2017 – 03/2019**

- Conducted demographic research using SQL to deliver data-driven insights on the impacts of urban policies.
- Analyzed commercial and residential development trends through quarterly and annual reports.
- Assisted in 2020 Census preparations by updating address data for 100,000+ residential units and leading updates to local Census geographies.

**Planner II, Military/Federal Master Planner | AECOM | Arlington, VA | 03/2014 – 02/2017**

- Developed long-range facility master plans for NAVFAC clients by conducting urban planning research and documenting space requirements.
- Facilitated stakeholder workshops to build consensus on master plan implementation strategies.

**Environmental Planner WSP USA (Former Parsons Brinckerhoff) | Philadelphia, PA | 06/2013 – 03/2014**

- Consulted for local and regional transportation authorities by providing environmental planning expertise.
- Researched and authored sections of Draft Environmental Impact Statements, analyzing existing conditions and alternatives for major transportation projects.
- Developed planning public meeting reports to support state-funded climate resiliency initiatives.

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## **DATA SCIENCE TRAINING**

Tech Ex Data Science Bootcamp | Data Society | 2022

Data Analytics Career Track | Springboard | 2021

Google Data Analytics Specialization | Coursera | 2021

Statistics with Python Specialization | Coursera | 2020

Data Analyst Nanodegree | Udacity | 2020

Programming for Data Science with Python Nanodegree | Udacity | 2020