

CONTACT

<https://www.linkedin.com/in/charlotte-mehaffey/>
San Francisco, CA

SKILLS

PROGRAMMING LANUGAGES

- Python
- SQL
- Visual Basic

MACHINE LEARNING

- Scikit-learn
- NLTK (Natural Language Toolkit)
- PySpark
- TensorFlow

ANALYSIS

- Pandas
- Excel
- Business Objects

VISUALIZATION

- Tableau
- QlikView
- Figma

SOFT SKILLS

- Communication
- Collaboration
- Project Management

EDUCATION

DREXEL UNIVERSITY

Master of Science: Data Science
Minor: Human Computer Interaction
GPA: 4.0
Graduated March 2025
Philadelphia, PA

UNIVERSITY OF CALIFORNIA DAVIS

Bachelor of Arts: Psychology
Minor: Communication
GPA: 4.0
Graduated June 2016
Davis, CA

Charlotte Mehaffey

DATA SCIENTIST

MS in Data Science graduate with a strong foundation in machine learning, data engineering, and statistical analysis. Proven experience analyzing large datasets, developing predictive models, and communicating insights across academic and corporate environments.

EXPERIENCE

DATA SCIENCE INTERN MARKET MAKER CRE

San Francisco, CA

Nov 2024 – Present

- Use Natural Language Processing to accurately classify companies that do or do not sell commercial real estate.
- Evaluate models to select the best one for the workflow.
- Design and maintain a database and data pipeline for commercial real-estate data using Microsoft SQL Server and PyCharm.
- Create and optimize web scraping scripts using Selenium and BeautifulSoup.
- Process data using Pandas and NumPy and visualize results.
- Translate business needs into technical requirements.

ASSOC. PRICING AND REPORTING MANAGER GENENTECH

South San Francisco, CA

Nov 2021 - Apr 2024

- Managed the validation, payment, and dispute process for over \$100 million Medicaid rebates annually.
- Led a development team to automate invoice processing, fully automating 10% of invoices and partially automating 95% of invoices.
- Created business rules for new products, preventing overpayment before trends were available.
- Led quarterly business reviews with state counterparts, successfully closing millions of dollars in dispute.
- Built logic to determine dispensing location, leading to more accurate adjustment of millions of dollars in claims.

GOVERNMENT DATA ANALYST GENENTECH

South San Francisco, CA

Sep 2019 - Nov 2021

- Analyzed claim level data and rebate trends.
- Decreased outstanding disputes with one state by over \$10 million by building a relationship with the state rebate analyst and holding multiple meetings to go over the nuances of Genentech's drugs.
- Ensured accuracy, timely payment, and proper documentation for multiple audits.
- Trained new employees and created Standard Operating Procedures, job aids, and training activities.

DATA ANALYST I.D.E.A. CONSULTING

Davis, CA

Jul 2016 - Jul 2018

- Tracked, summarized, and communicated county mental health and substance use data to drive positive patient outcomes and ensure compliance with regulations.
- Produced quarterly and annual reports, and managed grant deadlines to secure funding.
- Developed cultural competence reports and corresponded with county officials to understand and include relevant policies and procedures.