Eboni K. Lee, MSc
Data Scientist | Data Analyst
https://eklee151.github.io/

I am a data scientist and data analyst with a background in psychology, neuroscience, early childhood education and media. As a data analyst, I've had extensive experience in writing Python scripts to clean and recode data, as well as creating data reports and dashboards to present that data for internal and external stakeholders. As a data scientist, I've run thematic analyses on large volumes of text data by utilizing the Python libraries sklearn and nltk.

Core competencies: Leadership | Communication | Customer Service | Adaptability | Problem-Solving | Teamwork | Attention to Detail | Time Management | Analytical Thinking | Avid Learner | Self-Motivation | Research | Emotional Intelligence

Technical Skills

Python	Visual Studio Code	Natural Language Processing (NLP)
SQL	HTML/CSS	Machine Learning
Tableau	Bootstrap.js	Google Cloud Platform
R	Anaconda	Tensorflow
MATLAB	Google BigQuery	Spark
Survey Software	Google Analytics	Canva
Google Looker Studio	Project Management Software	Jupyter Notebooks

PROFESSIONAL EXPERIENCE

Accelerate Change
Head of Data Analytics, November 2024 - Present
- Led 4+ trainings and presentations, that included creating comprehensive training resources and videos, to help internal and external stakeholders understand new data systems and changes
- Created 6+ Looker studio dashboards that were able to process 2+ million rows of data to give real-time data updates to internal and external stakeholders
- Wrote 10+ Python scripts using Jupyter notebooks for cleaning and organizing data from multiple data sources
- Led the transition from an external data analytics platform to an in-house data storage and analytics solution, that involved setting up a Google Cloud Platform infrastructure to include Google BigQuery and Looker Studio, and will have an estimated cost savings of a minimum $50K per year
- Led multiple large scale data collection programs across our network of more than 7 separate organizations to successfully report on our organization's impact to funders and executive leadership
- Used NLP to complete thematic analysis on 100,000+ data points
- Served as a consultant with other departments and within our network when they ran experiments or were doing survey research
- Project managed our persuasion testing efforts with an external vendor to make sure our objectives and budget were clear and then presented the results to executive leadership
- Trained multiple people, including a direct report, on how to clean and store data using the Python scripts I wrote as well as best practices when creating dashboards and cleaning and storing data, with a particular interest on protecting a user's PII

Data Analyst, Contract, March 2024 - September 2024
- Assessed, cleaned, and then analyzed 200,000+ data records using Python
- Produced a visual presentation for internal and external stakeholders that reported on the project's findings

ZERO TO THREE, *Data Analyst, National Center on Early Childhood Development, Teaching, and Learning (NCECDTL),* February 2021 – November 2024
- Created Python code that reduced the time it took to clean and recode the center's evaluation data to less than 1 second
- Used NLP to complete thematic analysis on 80,000+ data points
- Led the evaluation and reporting efforts for 2 flagship events
- Created 2+ interactive dashboards using Tableau and Google Data Studio
- Produced 2 protocol manuals detailing how to properly pull data from our different data platforms
- Led or supported the creation of 25+ data reports and infographics for internal and external stakeholders
- Led the Center's evaluation initiatives related to equity
- Sent a quarterly data and evaluation email to Center staff to keep them abreast of available reports and data
- Gave 2 presentations on topics related to equity and data to 100 + early childhood education staff (in-person and virtually)

General Assembly, *Data Science Immersive Fellow,* August 2020 – November 2020

- Completed 30+ labs and projects remotely that utilized data science best practices and used a multitude of Python packages (NumPy, Pandas, Scikit-Learn, Matplotlib, etc.)
- Presented findings from 5 projects to both technical and non-technical audiences
- Completed a final project that could accurately predict different health consequences 70%+ of the time given Adverse Childhood Experiences and other demographic features and created a Flask app with Bootstrap.js and HTML to accompany it

Child Care Aware of America, *Army Child Care Coordinator,* June 2017 – September 2018
- Served as the principal liaison for 1500+ parents requesting fee assistance and provided exceptional customer service support in navigating fee assistance program policies and procedures
- Performed quality control on new and existing data to maintain an accurate client database

EDUCATION

City, University of London, London, UK | 2019
MSc Clinical, Social and Cognitive Neuroscience; City Students' Union Program Representative

Pepperdine University, Malibu, CA | 2017
B.A. Psychology; Posse Foundation Leadership Scholarship

CERTIFICATIONS & AWARDS

Pepperdine University, Malibu, CA | 2017
Undergraduate Straus Institute Certificate in Conflict Management

General Assembly | August 2020 – November 2020
Data Science Immersive

Kaggle, BIPOC Data Science Grant Program | 2021

Tableau, Visual Analytics Training | October 2021

Google Analytics Academy, Google Analytics for Beginners | 2021

Google Analytics Academy, Advanced Google Analytics | 2021

Google Analytics Academy, Introduction to Data Studio | 2021