Stephanie Moore

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Skills

Collaboration: Cross-functional Collaboration, Stakeholder Engagement, Customer Facing Project Delivery
Programming Languages: Python, SQL, Matlab, HTML/CSS/JS
Tools & Platforms: Tableau, AWS, Jupyter Labs, Databricks, Google BigQuery, VS Code, GitHub, Cursor
Data Science Techniques: Time Series Analysis, Feature Engineering, Predictive Modeling, Statistical Analysis, Algorithm Validation, Exploratory Data Analysis

Domain Expertise: CGM, Physiological Data & Clinical Biomarkers, Clinical Research Design, Regulatory Data Standards, Wearable Device Analytics
Methodologies: Machine Learning, Data Pipeline Development, ETL Processes, Data Quality & Validation, Agile/Scrum, Research Operations

Professional Experience

Data Scientist - Therapeutics Diagnostics & Insights | Dexcom, *San Diego, CA* **2022 - Present**

- Collaborate with product managers, engineering and design teams to align on data analysis needs to support feature development and improvement
- Streamline data processing by designing automated tools and data visualizations that are cohesive, scalable, and align with data governance goals, improving the reliability of data used for user analytics and business insights
- Ensure the delivery of high quality data by collaborating with data engineering teams to create scalable and robust data pipelines, increasing data integrity standards for analytics pipelines and visualization tools (Tableau, Power BI, AWS).
- Own the end-to-end ingestion and analysis of CGM data and supporting health signals (activity, sleep, heart rate) to uncover user behavior patterns and enhance mobile app feature development.
- Lead analysis of the clinical and behavioral impact of a new algorithm-driven product feature, using CGM data to evaluate changes in glucose outcomes and user behavior across key segments (e.g., TIR, alert response, logging patterns).
- Build scalable pipelines (SQL, python) to monitor real-world algorithm performance and validate algorithmic product feature assumptions against field data, enabling iterative updates to model parameters and product configurations.

Data Scientist | Deloitte Consulting, *San Diego, CA* **2021 - 2022**

- Build scalable pipelines (SQL, python) to monitor real-world algorithm performance and validate algorithmic product feature assumptions against field data, enabling iterative updates to model parameters and product configuration
- Built predictive models for population health outcomes (opioid risk, diabetes likelihood) and led agile product delivery as Scrum Master for healthcare data warehouse serving 1.6M+ users
- Led business analysis for $2M CalHEERS data warehouse modernization, facilitating stakeholder sessions and delivering technical design documentation for Databricks/Snowflake migration
- Designed Tableau dashboards and analytics infrastructure for healthcare teams, collaborating cross-functionally with clinical, IT, and policy stakeholders
- Led data analysis and dashboard prototyping for urban health equity project, conducting stakeholder interviews and evaluating public health data sources to identify key metrics for underserved communities

Data Scientist | Deloitte Consulting, *San Diego, CA* **2019 - 2020**

- Spearheaded data analysis of over 200 student-athletes to understand and develop a competitive, comprehensive, and strategic training plan for all 26 NCAA collegiate teams
- Created monthly reports using Microsoft Power BI, Microsoft Excel, and Microsoft PowerPoint for coaches to elevate decision making regarding athletes' performance, injury, and recovery
- Developed data ingestion pipelines using multiple APIs with Python's http.client and JSON libraries to integrate into personalized Data Management systems

Education & Professional Development

Bachelors of Science, Data Science | University of California San Diego, *San Diego CA*
Udemy | Causal Inference with Linear Regression**,** Tableau for Data Science, Agile Fundamentals
DataCamp | Customer Analytics and A/B Testing in Python
Udacity | AWS Machine Learning Foundations, Intro to Generative AI with Google Cloud