Benjamin Ho

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SKILLS & CERTIFICATIONS

Technical skills: Excel, Google Sheets, SQL, Tableau, dashboards, PowerPoint, BigQuery, Python (Pandas, Scikit-learn), R, D3.js, Git, Jupyter, machine learning

Certifications: Google Data Analytics Certificate, Tableau Desktop Specialist

WORK EXPERIENCE

Snow Data Science - Data Analyst Intern; San Francisco, CA **Nov 2023 - Present**

- Utilized Excel, SQL, and Python to clean, preprocess, and analyze datasets to provide strategic recommendations.
- Built Tableau dashboards highlighting key metrics and KPIs.

Genista Biosciences - Software Engineer; San Jose, CA **Nov 2021 – Dec 2022**

- Built data-intensive web applications and dashboards vital to customers and lab staff operations.
- Delivered projects that improved API call speeds by 100% and efficiency of lab testing tasks by 50%.
- Collaborated cross-functionally with the design team and chemistry/biochemistry lab staff, ensuring project stakeholders understood technical concepts.
- Spearheaded a major codebase rewrite, introduced new code style guidelines to the engineering team.

PROJECTS

Zillow Home Price Analysis | SQL, Tableau **|** Learn more
Conducted a SQL analysis of a Zillow dataset and used Tableau to visualize and create dashboards.

- Discovered the highest rents and home prices, which homes are under- or over-valued, and which states are the best and worst for renting in.
- Built a Tableau dashboard to display metrics such as highest median rents and prices per square foot.

Instacart User Trends Analysis | Python, Pandas, Matplotlib **|** Learn more
Leveraged Python to analyze an Instacart dataset containing 3 million orders from 200,000 users.

- Discovered users' ordering trends such as most popular day and time of purchases, frequency of reorders, and number of items per order.
- Created visualizations in Matplotlib that display key findings, such as which products, aisles, and departments are the best-selling.

Carbon Emissions Prediction | Python, Pandas, Matplotlib, Scikit-learn **|** Learn more
Used Python to analyze a vehicle dataset containing over 2,000 models across 42 makes.

- Identified which features of a vehicle are most related to carbon emissions.
- Achieved 86% accuracy in predicting a vehicle's carbon emissions using regression models.

EDUCATION

University of California, Berkeley | B.A., Cognitive Science

- Relevant coursework: Foundations of Data Science, Intro to Probability and Statistics, Structure and Interpretation of Computer Programs, Data Structures, Discrete Math, Artificial Intelligence, UI Design