

Matthew Huh

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Skills

Programming: SQL (Snowflake, MySQL), git, shell / unix, Databricks, Pyspark, spark, python (pandas, scikit-learn, scipy, Tensorflow)

Business Intelligence: Tableau, Salesforce, Google Analytics, A/B Testing,

Data Science: Linear/Logistic Regression, Time series analysis, Feature Engineering, Gradient Boosting,

Big Data: AWS (S3,EC2, Lambda, Data Lakes), Splunk, Azure (ML, Synapse), Airflow, Databricks

Experience

Data Scientist | Microsoft (Centific) 08/2023 -

- Improved fraud capture rates by 4% over a 6 month period while also reducing false positive variability by half for modern azure services
- QA and monitor fraud model performance using python and statistical analysis
- Designed and executed A/B tests to evaluate fraud model performance on live consumer data across xbox and microsoft store (hardware, software, & subscriptions)
- Develop segmentation models to combat diverse sources of fraud

Senior Data Analyst | Capital One 05/2020 - 06/2023

- Automated daily reports and ETL processes to transform and prepare Snowflake data using Python, sql, & unix
- Analyzed potential losses from removing overdraft fees, potential disparate impact to customers
- Led A/B testing to drive growth in overdraft services to retail bank customers
- Explored, validated, and performed feature engineering for data in preparation for machine learning models
- Maintained and presented customer-centric metrics - application logins, activity, customer support chatbots
- Developed clustering models to group unknown customer chat intents
- Partner with data science teams to refine risk analytics models (feature engineering, model evaluation)

Inventory Analyst | Mt Adams Fruit 04/2019 - 05/2020

- Subject Matter Expert (SME) on Salesforce, Tableau, Python, & Github - main point of contact for expanding platforms, creating reports, dashboards, scripts, and processes
- Developed and presented ad-hoc insights, dashboards, and reporting around inventory, sales, and shipping optimization strategies to managers & senior leadership

Data Science Program | Thinkful 03/2018 - 12-2018

- Intensive program focused on python, statistics, and big data techniques including machine learning.
- Learned industry best practices and standards by collaborating with a senior data scientist

GIS Technician (Contract) | Apple 10/2016 - 10-2017

- Validated data for their GIS mapping platform .

Education

BA in Geography (GIS), University of Washington, Seattle WA