

Jenny Sutton

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Skills

Languages Python (pandas, NumPy, matplotlib, requests, etc.), SQL, Javascript

Tools dbt, GCP (BigQuery, Storage, Cloud Functions, App Engine), Git, Airflow, Fivetran, Docker, Tableau, Optimizely, Segment, Iterable, Braze

Experience

Data Engineer

May 2023 to current

BRANCH

Columbus, OH

- Building a more robust billing infrastructure, which involves adding significant testing, historical clean up of revenue data and billing services, automating billing processes using Python and Cloud Functions, changing how payment data is displayed in our CRM tool (improves UI/UX for the customer support team), etc.
- Created the billing data model and migrated core data sources and reporting queries during the company's adoption of dbt and Git version control
- Automated and added testing to the cash reconciliation process, which historically relied on ingesting and editing data in 9 Google Sheets as the sources of truth (prone to human error, duplicated data drifting from source), saving 10 hrs/week of manual work for the accounting team
- Tech lead for project reducing BigQuery spend by 50%: analyzed cost data to assign priority to most expensive jobs, optimized inefficient queries, and converted most expensive dbt models to incremental strategy
- Revamped the data team's intake process in GitHub by substantially reducing redundancies in issue templates, labels, projects, etc. and automating label application based on issue form inputs resulting in more adherence to the ticketing process, less friction from stakeholders, and higher productivity (114% increase in opened tickets and 30% increase in closed tickets MoM)

Data Scientist, Product Analytics

Aug 2020 to Dec 2021

POLICYGENIUS

New York, NY

- Led data model improvement discussions and guided implementations for the engineering team, including new Segment tracking events, schema changes, and the schema for a new product, increasing data governance and retrieval quality
- Designed and analyzed Bayesian A/B tests in Python for funnel optimization, product releases / iterations, and marketing campaigns
- Guided product strategy and road map with in-depth analyses in Python using interrupted time series, modeling, and data visualization methods to understand user behavior
- Implemented a production regression model to predict home replacement cost, reducing customer churn for retrieving home insurance quotes
- Developed self-servicing dashboards for stakeholders using BigQuery and Tableau to track key KPIs and identify opportunities for product improvements

Data Analyst

Nov 2019 to Aug 2020

WAITR

Lafayette, LA

- Designed and analyzed statistically rigorous A/B tests to optimize marketing campaigns
- RFM customer segmentation using k-means clustering and quartile bucketing to use in stratified sampling for experiments
- Analyzed the order behavior effects of a loyalty program (+200% average orders per year) leading to program redesign with the goal of increasing customer penetration and engagement
- Scraped restaurant data from over 100 cities using Python (Selenium, BeautifulSoup) to determine restaurants that were not on the app for sales team acquisition efforts

Education

Certification, Data Science

July 2020

SPRINGBOARD

BS, Biology

May 2018

UNIVERSITY OF LOUISIANA AT LAFAYETTE