Lindsey K. Gamard

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Summary

Accomplished Analytics and Data Engineer with extensive experience owning the development and optimization of complex dbt projects. Skilled in SQL, Python, pipeline building and management, data governance, and visualization tools. Proven track record of bringing together cross-functional teams to achieve business goals through data-informed decision-making.

Professional Experience

Senior Analytics Engineer *(Greenlight Financial Technology)* **Remote** *09/2024 - 10/2025*

- Owned end-to-end architecture, development, and delivery of dbt data models powering the company's daily four-quadrant reconciliation monitoring system.
  - Mapped billions of internal transactions to two separate third-party vendor datasets, enabling detection and elimination of data discrepancies and financial loss.
  - Worked closely with back end software engineers to determine the root causes of discrepancies and implement solutions.
- Initiated and co-led a Snowflake cost optimization effort that reduced monthly cloud data spend by 35% through warehouse tuning, job re-orchestration, and dbt model optimization.
- Mentored team members in advanced dbt skills and Snowflake functionality.
- Updated and enhanced dbt models supporting product safety features after major back end changes in AWS DynamoDB databases.

Analytics Engineer / Senior Data Analyst *(Keap)* **Remote** *02/2023 - 09/2024*

- Product data lead on the Data Science and Analytics team, mentoring teammates on best practices in dbt development and product analytics. Closely partnered with product managers and software engineers.
- Architected, implemented, and continuously iterated on comprehensive BigQuery dbt project dedicated to back end product data with over 100 trusted models.
  - Combined disparate cloud data sources from both monolith and microservice architecture, including relational databases such as MySQL and PostgreSQL, NoSQL databases (Datastore and Firestore), as well as Pub/Sub event streams.
  - Created multiple custom dbt macros to supplement and/or override default behavior in order to optimize for query performance and processing cost.
  - Established best practices for data validation and quality testing, extensive documentation, and scalable Kimball/dimensional and OBT model development.
  - Brought together data sets fractured between BigQuery and Snowflake.
- Collaborated with diverse stakeholders company-wide to design metrics, build pipelines and reporting, and conduct studies and experiments. Especially close partnership with software engineers, product managers, and the finance and operations teams.
- Advised product managers on necessary engineering work to enable the tracking of desired metrics.
- Mentored software engineers learning to use dbt.
- Documented software engineering teams' databases (source-of-truth data for product analytics).
- Built and maintained custom Python-based pipelines from third party vendors' APIs into BigQuery using GCP's Cloud Run and Pub/Sub.
- Biggest financial impacts:
  - Deployed multiple dbt macro customizations to optimize incremental models and testing, reducing GCP costs by 75%.
  - Provided production data pipelines and dbt models to enable usage-based billing and revenue optimization for Text & Voice product.
  - Constructed data models used by data scientists to develop email usage pricing structure, resulting in hundreds of thousands of dollars in additional revenue quarterly.
  - Supplied finance team with data models for payment processing usage, enabling forecasting of revenue growth.

Product Data Analyst *(Keap)*   **Remote** *06/2021 - 02/2023*

- Designed and implemented dbt models that map product tenant MySQL databases to business system records (e.g. Salesforce, NetSuite) using a modern analytics engineering tech stack: dbt, BigQuery, Fivetran, and Stitch. For the first time at the company, this established a scalable direct connection between product and operations data.
- Built and maintained Looker dashboards and corresponding LookML code, enabling senior leadership to track product usage in relation to company growth and retention metrics.
- Performed ad hoc analyses based on department needs, including a natural language processing project for the Product Marketing team to help improve product-market fit.
- Supported Product-Led Growth initiatives by serving as the embedded data analyst on a product engineering team.
- Assisted product managers in using Amplitude, and transformed back end Amplitude data for use in the BigQuery warehouse.

Data Scientist *(StrongMind)*   **Chandler, AZ** *01/2021 - 06/2021*

- Using Python and GitHub Actions, created custom ETLs from third party vendors' APIs into Snowflake to enable data analysis by multiple teams.
- Built and maintained multiple product analytics data dashboards using Snowflake, Azure, and Power BI.
- Developed metrics of success for products over time and monitored changes from baseline.
- Used statistical analysis to deliver insights, communicated in a matter appropriate to the audience, that influenced product direction for engineering and curriculum departments.
- Designed and delivered ad hoc reports based on leadership and client needs.
- Supported educational researchers by sourcing and preparing needed data sets in Snowflake.

Data Analyst / Curriculum Specialist *(StrongMind)*   **Chandler, AZ** *01/2019 - 01/2021*

- Built and maintained a product analytics dashboard using Python (Plotly Dash) and Azure, quantifying the user experience with the Standalone Learning System (SLS) that powered PlanetMath and StrongMinded Social Emotional Learning.
- Worked with software engineers to design a recommendation algorithm for related content in the SLS instances.
- Collaborated on product design for the SLS instances, including the instructor data dashboard.
- Designed educational math videos, producing Gold Telly Award-winning content.

Math Curriculum Developer *(StrongMind)*   **Chandler, AZ** *04/2016 - 01/2019*

Skills

- **Tech Stack:** dbt, Snowflake, BigQuery, GCP, Fivetran, Looker, Streamlit, Jupyter Notebooks
- **Languages:** SQL (expert), Python, Jinja for dbt

Education

Master's degree, Mathematics *Arizona State University*   **Tempe, AZ**
Graduate and Professional Student Association Teaching Excellence Award
Bachelor's degree, Physics *University of Arizona*   **Tucson, AZ**
Summa Cum Laude, Phi Beta Kappa