Tiffany Wang

Objective: Business Intelligence Engineer at Snap Inc.
Phone: (626)-223-6123 | Location: Redondo Beach, CA (Open to Relocate)
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SUMMARY

Business Intelligence Engineer with 8+ years of expertise in **ETL automation**, **financial data warehousing**, and **self-serve analytics**. Proven track record in designing Airflow pipelines, optimizing SQL queries, and translating financial KPIs into scalable data solutions. Certified AWS Architect with hands-on experience in Google BigQuery, Looker, and cross-functional collaboration. Adept at bridging technical and non-technical stakeholders to deliver actionable insights.

SKILLS

Core Tools : Airflow† | BigQuery† | SQL (Query Optimization†) | Python†
Data Visualization: Looker†, Tableau†, Power BI
Cloud & Data : Google BigQuery†, AWS (Redshift, S3, Glue), Spark, Git†
Collaboration : Agile Scrum | Stakeholder Requirement Translation | Jupyter Notebooks

EXPERIENCE

Solution Engineer II

Capital Group, Irvine, CA | Jun 2019 – Apr 2023

- **Financial Data Warehousing & Automation**
    - Designed **Airflow-driven ETL pipelines** for financial metrics aggregation, reducing manual reporting effort by 40% and ensuring daily SLA compliance.

- Built a **prototype financial data warehouse** using Redshift, enabling self-service analytics for 200+ finance users via Tableau integration.
- Optimized complex SQL queries (20+ joins) for revenue recognition dashboards, improving query runtime from 15min to <2min.

- **Stakeholder Collaboration**
  - Conducted workshops with CFO's team to define 15+ KPIs, translating them into dimensional models aligned with Oracle Fusion data structures.
  - Mentored 5 analysts on SQL and Looker, empowering them to generate ad-hoc reports without engineering support.

Freelancer

Online AI & ML Program, Remote | Apr 2023 – Present

- **Google BigQuery & Self-Serve Analytics**
  - Migrated client's on-premise data warehouse to **Google BigQuery**, reducing query costs by 35% through partitioning and clustering optimizations.
  - Developed Jupyter-based data exploration templates, enabling non-technical users to analyze sales trends via Python snippets.

EDUCATION

M.S. in Software Engineering
Embry-Riddle Aeronautical University | 2015–2017

B.S. in Computer Science
Nanjing University of Aeronautics and Astronautics | 2012–2016

† Matches Snap JD Core Requirements