

# Tiffany Wang

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## Objective: Data Engineer at Arix Capital

Phone: (626)-223-6123 | Location: Redondo Beach, CA (Hybrid Ready)

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## SUMMARY

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Data Engineer with 8+ years of expertise in **financial data systems**, **cloud ETL optimization**, and **high-volume data warehousing**. Proven track record in Snowflake architecture, SQL performance tuning, and PowerBI-driven financial reporting. AWS Certified Architect with hands-on experience in building SEC-compliant pipelines. Adept at translating complex financial requirements into scalable technical solutions.

## SKILLS

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**Key Technologies** : Snowflake<sup>+</sup> | Azure (ADF/ML)<sup>+</sup> | SQL (Query Tuning<sup>+</sup>) | PowerBI<sup>+</sup>

**Data Engineering** : ETL/ELT (Airflow, dbt), Data Warehousing<sup>+</sup>, Dimensional Modeling

**Cloud & DevOps** : AWS (Redshift, S3), GitHub<sup>+</sup>, CI/CD, DataOps

**Domain Expertise** : Financial Compliance (GAAP/SEC), Real Estate Data Analytics

## EXPERIENCE

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### Solution Engineer II

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

- **Financial Data Warehousing & Snowflake Optimization**

- Migrated legacy data warehouse to **Snowflake**, implementing micro-partitioning and zero-copy cloning, reducing query latency by 35% for \$10B+ asset portfolios.
- Designed **ETL pipelines** (Airflow + dbt) processing 5TB/day financial transactions, achieving 99.9% SLA compliance.

- Developed **PowerBI dashboards** for real-time loan performance monitoring, adopted by 50+ finance users.
- **Compliance & Collaboration**
  - Partnered with legal team to implement **data lineage tracking** (Purview-like tooling), ensuring audit readiness for SEC filings.
  - Mentored analysts on SQL optimization, reducing report generation time from 2hrs to 15min.

## Freelancer

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

- **Azure-Compatible Cloud Architecture**
  - Built AWS-based data lake (S3/Glue) with **Azure-like ADF workflows**, enabling seamless migration potential for hybrid cloud clients.
  - Automated mortgage risk scoring pipelines (Python + Snowflake), improving data refresh frequency from daily to hourly.

## EDUCATION

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### **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 Arixia JD Core Requirements