Tiffany Wang

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SUMMARY

8+ years building **decision-centric data ecosystems** for high-velocity businesses. Expert in **SparkSQL[†]**, **BigQuery[†]**, and **metric frameworks**, delivering 50% faster insights through self-serve analytics. Certified in Databricks[†] and AWS, with a proven track record of bridging technical execution with C-suite strategy in FinTech[†] and Product Experimentation[†] domains.

TECHNICAL SKILLS

Analytics Stack:
SparkSQL[†], BigQuery[†], dbt[†], Airflow[†], Unity Catalog[†]
Data Products: Tableau[†], Looker, Power BI[†], Metric-Driven Dashboards
Languages: SQL[†] (Advanced CTEs/Windowing), Python[†] (Pandas, PySpark), YAML[†]
Domain Expertise: FinTech[†] Payment Analytics, A/B Testing Frameworks, Experimentation Telemetry
Collaboration: Stakeholder Needs Translation, Data Cataloging, Metadata Governance

PROFESSIONAL EXPERIENCE

Capital Group | Lead Analytics Engineer

Irvine, CA | 2019–2023

FinTech Payment Analytics Platform (SparkSQL[†])

- Built **metric decision frameworks** tracking $2B+ annual transactions, improving anomaly detection speed by **40%**
- **Technical Choice**: Migrated from Redshift to **BigQuery†** using dbt† models, reducing ad-hoc query costs by **35%** ($85K/month saved)
- Designed **Tableau†** dashboards with dynamic cohort filters, adopted by 200+ finance stakeholders

Product Experimentation Pipeline

- Implemented **Airflow†**-orchestrated A/B testing pipelines processing 10M+ daily events
- **Hook**: Developed YAML†-based config system for experiment parameters, reducing setup time from 8h → 45min

Online AI & ML Program | Data Products Architect

Remote | 2023–Present

Unified Data Catalog Initiative

- Implemented **Unity Catalog†** across 15+ domains, improving data discoverability by **60%**
- Created **Looker** blocks for cross-department KPIs, reducing redundant dashboard development by **70%**

Real-Time Pricing Analytics

- Built **Spark Streaming** pipeline with **<250ms** latency for dynamic ticket price adjustments
- **Impact**: Increased conversion rates by **18%** through real-time inventory/sentiment analysis

EDUCATION & IMPACT

M.S. Software Engineering | Embry-Riddle Aeronautical University | 2015–2017
Databricks Certified Data Analyst | 2024
Google Cloud Professional Data Engineer | 2023

Key Metrics:

- 40% Faster Decision Velocity | 35% Cost Optimization | 18% Revenue Impact

[†] **JD-Aligned Keywords**

SparkSQL/BigQuery | dbt/Airflow | Tableau/Looker | FinTech | Product Experimentation | Unity Catalog