

SAMAN CHOPRA

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SUMMARY

- Analytics Engineer and Data Systems Manager with 4+ years designing production ETL pipelines, cloud data infrastructure, and BI systems on GCP. Stack: BigQuery, Python, SQL, Power BI, REST APIs, Cloud Functions, Cloud Run.
- Delivered scalable data architecture for 5+ concurrent clients across fitness, F&B, hospitality, and financial services, from raw API ingestion through automated reporting and C-suite dashboards.

SKILLS

Tools & Languages: Python, SQL, dbt, DAX, Power BI, Streamlit, Power Query, Tableau, Excel

Cloud & Infrastructure: GCP (BigQuery, Cloud Functions, Cloud Run), Power Automate, AWS, REST APIs

Data & Engineering: ETL Pipeline Design, API Integration, Data Modeling, Schema Design, Warehouse Architecture, Data Warehouse Design, Dimensional Modeling

Leadership & Communication: Stakeholder Management, Executive Reporting, Cross-functional Training, Requirements Translation

Core Competencies: Business Intelligence, Workflow Automation, Multi-client Data Architecture, Process Improvement

EXPERIENCE

Manager, Data and Systems Architecture | Full-time

Service Squared | California, United States | Nov 2025 – Jun 2026

- Designed and maintained ETL pipelines ingesting data from 4+ REST APIs (Mariana Tek, Toast, Club Ready, Zenoti) into BigQuery for 5+ concurrent clients across fitness, F&B, and hospitality.
- Defined schema standards and normalization conventions across disparate source systems, improving data consistency, data quality, and reliability across all client reporting environments.
- Owned end-to-end client data delivery, from requirements scoping and stakeholder interviews through pipeline development, dashboard deployment, and presenting findings to C-suite stakeholders.
- Managed CI/CD and orchestration workflows across concurrent client deployments, maintaining production stability and enabling rapid iteration on pipelines and dashboards.
- Extended operational dashboards with trend analysis, anomaly detection, and forecasting logic, translating raw operational data into forward-looking recommendations for client leadership.
- Used code generation and automation tooling to accelerate pipeline builds and dashboard deployments, shortening delivery cycles across multiple concurrent client projects.

Data Analytics Engineer | Contract

Service Squared | California, United States | Sep 2025 – Nov 2025

- Designed initial ETL pipelines and BigQuery-backed analytics dashboards for service-sector clients; promoted to full-time architecture role based on delivery outcomes.
- Integrated data from multiple source APIs into BigQuery, enabling real-time operational reporting across client dashboards.

Business Analytics Manager | Hybrid

AdvancedPCB | Santa Clara, California | Aug 2024 – Dec 2024

- Built Power BI reports and Excel dashboards for the VP of Sales tracking regional performance, account activity, and customer health across multiple territories.
- Consolidated sales data from multiple source systems using Power Query, standardizing KPIs and improving reporting consistency across cycles.
- Automated weekly reporting workflows with Power Automate, freeing several hours of manual effort per week for cross-functional teams.
- Built Power Apps intake forms for client feedback, streamlining issue tracking and improving sales team response time.
- Documented data pipelines, reporting models, and dashboard logic to support team handoffs and ensure reproducibility across reporting cycles.

Assistant Manager (Analytics) | Full-time

Payworld Digital Services | Remote | Jul 2023 – Feb 2024

- Architected Power BI reporting infrastructure by building DAX measures, semantic models, and automated ETL pipelines using SQL and Power Query.
- Centralized partner data across product and service teams; led Power BI training to improve self-service analytics adoption.
- Optimized report performance for high-volume dashboards, cutting load times significantly and improving usability for business stakeholders.

Data Analyst | Full-time

Pasys Technologies (Series B) | Remote | Dec 2021 – Jun 2023

- Built Tableau dashboards using SQL to track promotional performance and regional demand, supporting sales and operations planning.
- Handled ad hoc SQL analysis requests across a Series B startup, adapting quickly to evolving data needs and business priorities.

PROJECTS

Founder

Hear Me Out (HMO) | San Francisco, California | Aug 2025 – Present

- Co-founded hearmeoutnow.com, a listener analytics and marketing/branding platform helping music artists understand audience behavior and engagement.
- Built the underlying data pipeline and insight-generation engine; won 1st place at the OutsideLLMs Buildathon, with the demo presented at Outside Lands Festival and announced by will.i.am on stage; featured in Hypebot.

AWARDS & RECOGNITION

Winner: OutsideLLMs Buildathon (2025)

For HearMeOut, see Projects.

Best Technical Execution: AI Magic Hackathon (2025)

Built an inventory optimization tool for SMB convenience stores, processing invoice images and POS data to forecast stock levels and improve margins. Awarded Best Technical Execution.

EDUCATION

Bachelor of Business Administration | Major: Analytics & Big Data

University of Petroleum and Energy Studies | India | Jun 2022

CERTIFICATIONS

- AI Fluency – Anthropic
- Statistics for Researchers: Mediation and Moderation – University of Virginia
- IBM Data Analyst Professional Certificate – Data Science, AI & Development
- Getting Started with Data Analytics on AWS – Amazon Web Services