

# Sebastian Mukuria

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## SUMMARY

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Senior data analyst with 4+ years building SQL/Python data infrastructure and shipping AI-powered automation into production. Owns analytics end-to-end across Snowflake, PostgreSQL, Tableau, and LLM-driven pipelines for institutional users. Track record across crypto (Messari) and federal (NAVSEA) of translating ambiguous business problems into instrumented, automated, executive-ready systems.

## WORK EXPERIENCE

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### Messari

Dec. 2022 – Present

Senior Data Analyst

Remote

- Designed and shipped **Python + LLM automation pipelines** (Slack, Discord, RSS, and governance APIs feeding LLM services) for crypto market intelligence; partnered with Engineering to productionize prototypes into the team's core ingestion stack covering 500+ assets.
- Built performance, latency, and coverage dashboards in **SQL (Snowflake, PostgreSQL)** used by leadership for staffing, prioritization, and SLA tracking across the analyst org.
- Created customer usage and ingestion analytics that informed product roadmap decisions; translated raw event data into the narratives used in product and leadership reviews.
- Stood up QA analytics on large institutional datasets to detect stale, missing, and low-quality records at scale; drove remediation sprints that measurably improved data reliability and reduced downstream support load.
- Monitor live on-chain network activity, governance, and incidents in near real time, escalating material events to institutional users.

### Naval Surface Warfare Center, Corona

Nov. 2020 – Dec. 2022

Business Data Analyst

Norco, CA

- Owned production and acquisition performance metrics consumed by **NAVSEA leadership**; standardized non-uniform data from multiple external partners into decision-grade reporting.
- Designed and deployed 10+ Tableau dashboards converting fragmented acquisition and production data into executive-level KPIs.
- Built automated **Tableau Prep pipelines** and documented SOPs that cut manual reporting work by 95%.
- Presented recurring business reviews to executives at NAVSEA HQ (Washington, D.C.); trained non-technical staff on Tableau and self-serve reporting.
- Collaborated with Data Engineering on pipeline architecture, scoping new data sources, and optimizing existing dashboards for performance.

### Saru Recycling

Jul. 2019 – May 2021

Co-founder, Mechanical Engineer

Riverside, CA

- Co-founded sustainability startup; led cross-functional team through full product lifecycle, managing technical specifications, stakeholder communications, and project timelines.
- 1st Place, Social Innovation Pitching Competition 2020; selected for Techstars and LaunchPad accelerator programs.

## EDUCATION

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### University of California, Riverside

June 2020

BS, Mechanical Engineering

Riverside, CA

### Norco College

June 2026

AS, Data Science (in progress)

Norco, CA

## SKILLS

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**SQL:** Snowflake, PostgreSQL, MySQL | **Python:** pandas, NumPy, API integrations, LLM/agent automation, workflow scripting

**BI & Analytics:** Tableau, Tableau Prep, Excel, Google Sheets | **Data Engineering:** Pipeline development, data validation & QA, Git/GitHub

**AI:** Applied LLMs for production automation, prompt engineering | **Communication:** Executive presentations, cross-functional stakeholder management

## CERTIFICATIONS

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Google Data Analytics | Machine Learning Specialization, DeepLearning.AI