

Justin Napolitano

Data & Analytics Engineer Healthcare quality, media systems, editorial-grade BI Data engineer turning Epic Clarity, Vizient, and media ops into decision kits execs and creative leads can act on. Orlando, Florida • justin@jnapolitano.com • 689-340-0675 • linkedin.com/justin-napolitano • github.com/justin-napolitano

Summary

- Business and clinical data analyst specializing in healthcare analytics, Epic Clarity SQL, and performance improvement.
- Experienced with heart failure quality metrics, readmissions, and enterprise BI tooling including Power BI and GCP-based stacks.
- Bridges technical and non-technical stakeholders to deliver data products that improve outcomes and reduce costs.

Experience

Data Engineer AdventHealth • Orlando, Florida • Aug 2025 — Present

- Stand up Azure Data Factory + Synapse pipelines that land Epic Clarity extracts into governed models for quality and operations teams.
- Build Power BI and Looker Studio dashboards that surface heart failure and readmission metrics for service line leaders within 24 hours of discharge.
- Harden dbt and SQL transformations that reconcile EDW, Vizient, and bedside documentation into one source of truth for CFO and CMO briefs.
- Partner with nursing, cardiology, and digital to automate alerts, reducing manual spreadsheet updates by 60% across the network.

Business Analyst II AdventHealth • Orlando, Florida • Jan 2025 — Aug 2025

- Partnered with clinical and operations teams to define data requirements for performance and quality improvement initiatives.
- Designed SQL-based reporting pipelines and Power BI dashboards for inpatient care and readmissions metrics.
- Supported data validation and reconciliation efforts across Epic Clarity and EDW environments.
- Contributed to cross-functional analytic projects focused on cost reduction, patient outcomes, and digital health integration.

Data & Analytics Engineer Penske Media Corporation • Los Angeles, California • Apr 2022 — Apr 2024

- Led evaluation of six AI and data vendors, assessing integration, latency, and scalability to guide \$5M in platform investment decisions.

- Fine-tuned large language models using Python, improving generative quality by 10% based on editorial scoring loops.
- Built twelve Python- and SQL-based reporting pipelines in GCP, integrating with Looker to deliver topic insights across thirty media brands.
- Increased subscription conversion rates by 5% through KPI reporting in GCP that powered targeted marketing runs.

Skills Snapshot

Warehousing & Modeling

- Snowflake — Senior · 2 yrs
- BigQuery — Principal · 3 yrs
- dbt — Mid-level · 1.5 yrs
- SQL — Principal · 5+ yrs

Cloud & Deployment

- Azure — Senior · 2 yrs
- GCP — Principal · 4 yrs
- Docker — Senior · 3 yrs
- Cloud Functions — Mid-level · 2 yrs

BI & Activation

- Power BI — Senior · 2 yrs
- Looker — Mid-level · 1 yrs
- Treasure Data CDP — Senior · 2 yrs
- APIs & Web Apps — Mid-level · 2 yrs

Core tools

- BigQuery (Lakehouses) — Principal · 3 yrs
- Snowflake (Lakehouses) — Senior · 2 yrs
- Treasure Data CDP (Lakehouses) — Senior · 2 yrs
- dbt (Lakehouses) — Mid-level · 1.5 yrs
- GCP (Cloud Compute) — Principal · 4 yrs
- Azure (Cloud Compute) — Mid-level · 1 yrs
- AWS (Cloud Compute) — Associate · 0.5 yrs
- Cloud Functions (Cloud Compute) — Mid-level · 2 yrs
- SQL (Data Science Platforms) — Principal · 5+ yrs
- Python (Data Science Platforms) — Principal · 5+ yrs
- Julia (Data Science Platforms) — Senior · 3 yrs

- Jupyter (Data Science Platforms) — Principal · 5+ yrs

Education

BA, Political Science University of Central Florida • Orlando, Florida • August 2017

Statistics Specialization University of Central Florida • Orlando, Florida • August 2018

Python 3 Specialization University of Michigan • Online • January 2020