CORY GARGAN

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SUMMARY

Senior Data Analyst with expertise in data migration, ETL automation, data integration, and quality assurance in regulated environments. Experienced in leading cross-functional initiatives involving data modeling, API-based ingestion, and dashboard development. Proven ability to improve data reliability, implement validation frameworks, and support enterprise-wide reporting systems through scalable data solutions.

PROFESSIONAL EXPERIENCE

CPower Energy, Remote

Senior Analyst, Energy Data   Dec 2025 – Present
Analyst, Energy Data   April 2023 – Dec 2025

- Led development of automated ETL and data ingestion workflows using Python and SQL, ensuring reliable integration of multi-source operational data.
- Automated co-worker tasks using Python, reducing manual workload by 20+ hours per month.
- Designed and maintained centralized data pipelines, dashboards, and ad hoc reporting solutions supporting cross-departmental KPI monitoring.
- Developed executive-facing metrics delivered to the VP of Customer Enablement, translating complex operational data into actionable insights.
- Implemented structured data validation frameworks and anomaly detection checks, reducing validation backlog by 45% and improving reporting accuracy.
- Served as data lead for cross-functional migration and modeling initiatives, ensuring alignment across source systems.
- Created and led an annual compliance validation initiative covering 2,200+ customer accounts, ensuring required documentation and data traceability for regulatory adherence and audit readiness.
- Documented data definitions, business rules, and Standard Operating Procedures to support team awareness and future system enhancements.
- Investigated and resolved data integrity issues across systems, collaborating cross-functionally to improve database reliability and reporting accuracy.
- Built automated Dynamics 365 activity tracking dashboards to increase operational transparency.
- Led an AI research initiative for the SVP of Technology, evaluating emerging AI platforms for business integration and reporting findings to executive leadership.

Price Acoustics, Bohemia, NY

Business Analyst   Dec. 2021 – April 2023

- Consolidated disparate data sources into centralized pipelines and Tableau dashboards, contributing to recovery of $100K+ in unrealized payments.
- Improved audit readiness and reporting accuracy through Python-based data cleaning and validation processes.
- Designed monthly procurement and inventory trend reports to reduce material waste and improve cost efficiency.

Nassau County Police Dept., Mineola, NY

Analyst, Arrest & Fingerprint Data   May 2019 – Dec. 2021

- Redesigned data entry processes, reducing misidentification and transmission errors by 75%.
- Led a team of four analysts to ensure compliance with New York State and federal reporting regulations, maintaining data accuracy across criminal justice systems.

Police Officer Oct. 2015 – May 2019

- Served in patrol and specialized units, maintaining public safety and operational readiness.

EDUCATION

Stony Brook University
Bachelor of Science in Business Administration

TECHNICAL SKILLS

Programming & Analytics: Python (Pandas, NumPy, Scikit-Learn), R
Data Engineering: SQL, ETL, Data Modeling, Data Migration, Snowflake, Linux, Bash
Data Integration: API-based ingestion, Data Validation, Anomaly Detection, Data Cleaning
Visualization: Power BI, Tableau, Matplotlib (Python)
Systems: Dynamics 365 (CRM), Excel, Microsoft Office