

# CORY GARGAN

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## SUMMARY

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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

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### CPower Energy | Remote

**Senior Analyst, Energy Data** December 2025 – Present

**Analyst, Energy Data** April 2023 – December 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** December 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 Department | Mineola, NY

**Analyst, Arrest & Fingerprint Data** May 2019 – December 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** October 2015 – May 2019

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

## EDUCATION

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### Stony Brook University

Bachelor of Science in Business Administration

## TECHNICAL SKILLS

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**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

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