Cory Gargan

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SUMMARY

Results-driven Data Analyst with a strong foundation in Python, SQL, and machine learning frameworks such as Scikit-Learn and XGBoost. Adept at leveraging ETL processes, statistical analysis, and predictive modeling to uncover actionable insights that drive business decisions. Experienced in developing automated dashboards, optimizing workflows, and enhancing data accuracy to support executive strategy. A detail-oriented problem solver with a commitment to efficiency, cross-functional collaboration, and data-driven decision-making.

PROFESSIONAL EXPERIENCE

CPower Energy, *Data Analyst* | Remote   April 2023 – Present

- Utilized Python for ETL automation, data analysis, and workflow management, reducing manual work by 20+ hours per month.
- Created metrics that were delivered to the VP of Customer Enablement. Gave context to allow an easy understanding of complex topics.
- Built centralized data pipelines and Power BI dashboards to track KPIs for Sales & Operations.
- Developed and performed quality checks on data, investigated data discrepancies, collaborated cross functionally to find solutions and communicate timely updates and process improvements across organization.
- Researched and resolved issues regarding the integrity of data flow into databases.
- Created and led an initiative to validate the data accuracy of 2,200+ customer accounts annually, this project maintains regulatory compliance with all governing bodies.
- Developed an automated dashboard for Dynamics 365 activity tracking, increasing visibility and transparency in key business functions.
- Reduced backlog in pending data validations by 45% in the first two months.
- Led AI research project for the SVP of Technology, evaluated, tested, and reported on emerging AI platforms for business use.

Price Acoustics, *Data Analyst* | Bohemia, NY   Dec. 2021 – April 2023

- Consolidated disparate data sources, created data pipelines and tableau dashboards for leadership, leading to $100,000+ recovered in unrealized outstanding payments.
- Utilized Python for data cleaning efforts aimed at improving data accuracy and ensuring compliance for audits.
- Spearheaded creation of monthly reports consolidating materials procurement and inventory trends, reducing waste and improving cost efficiency and steering data-driven decisions.

Nassau County Police Dept., *Data Analyst* | Mineola, NY   May 2019 – Dec. 2021

- Implemented data entry process change, reduced misidentified persons and data transmission errors by 75%.
- Led a team of four analysts, ensuring data accuracy and compliance with state and federal regulations.

Nassau County Police Dept., *Police Officer* | Mineola, NY   Oct. 2015 – May 2019

- Served in patrol functions and specialized units to ensure public safety.

EDUCATION

Stony Brook University, *Bachelor of Science in Business Administration*   Stony Brook, NY

SKILLS

Technical: Python (Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib + More), SQL, R, ETL, Snowflake, Power BI, Tableau, Regression Analysis, Predictive Modeling, Data Validation, Dynamics 365, Excel
Soft Skills: Problem-Solving, Communication, Attention to Detail, Time Management, Efficiency, Abstract thinking

CERTIFICATIONS & PROJECTS

Certifications: Google Data Analytics Professional Certificate, IBM Data Engineering Professional Certificate
Projects: **Data Streaming Optimization** – Led statistical analysis on large-scale utility data project, optimizing data streaming and reducing lag time by 77-92%.
AI Research Project – Evaluated AI platforms for business use, providing key insights to senior leadership.
Annual Data Validation Project – Designed and implemented an annual compliance-driven data validation initiative for 2,200+ customer accounts, ensuring regulatory compliance.