Johnny Yu

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Data Analyst specializing in supply chain optimization, process automation, and predictive analytics. Proven track record delivering $650K+ in revenue impact and six-figure cost savings through Python, SQL, SAP, and Power BI solutions. Skilled in machine learning, ETL pipelines, and executive dashboards to drive operational efficiency and data-driven decision-making.

WORK EXPERIENCE

Abbott Laboratories — Alameda, CA
Data and Process Automation Analyst II — *Apr 2023 – Present*

– Engineered **custom freight data validation system** saving $100K+ annually, achieving 99%+ accuracy while removing external vendor dependency.
– Developed **machine learning route optimization model** reducing shipping costs by 12% and improving carrier performance forecasting.
– Automated SAP reporting via Python, boosting efficiency by 95% and saving 10+ hours weekly.
– Orchestrated SAP–Project44 TMS integration, ensuring 99.9% data accuracy across carrier rates and EDI feeds; trained 50+ stakeholders.
– Designed real-time budget monitoring dashboard, preventing overruns and enhancing procurement visibility.

Live Proxies — Remote
Business Analyst — *Mar 2020 – Mar 2023*

– Leveraged SQL analytics and Power BI to identify untapped customer segments, **driving $500K+ revenue growth** (25% YoY).
– Built enterprise ETL pipeline consolidating 15+ sources, uncovering $200K in revenue opportunities.
– Architected OLTP/OLAP reporting framework reducing decision cycle time by 50% across 3 departments.

ENVENT Labs — Santa Barbara, CA
Data Analyst — *Sep 2021 – Jun 2022*

– Produced data narratives and presentations that **secured $50K+ in additional funding** (20% increase).
– Built Python and R models predicting climate opinion scores with 85% accuracy from 10,000+ survey responses.
– Automated statistical workflows for 2,500+ datasets, streamlining research operations by 10%.

TECHNICAL SKILLS

- **Programming & Analytics:** Python, SQL, R, Machine Learning, Predictive Analytics, Statistical Analysis
- **Business Intelligence:** Power BI, Tableau, DAX, Excel, Data Visualization, Executive Dashboards
- **Data Engineering:** ETL Pipelines, SSIS, Data Warehousing, OLTP/OLAP, NumPy, Pandas
- **Enterprise Systems:** SAP, TMS (Project44), EDI (210, 214, 110), Process Automation, Data Validation

EDUCATION

University of California, Santa Barbara — Santa Barbara, CA
B.S. in Statistics and Data Science — *Sep 2018 – Jun 2022*

– **Honors:** Dean's Honors List, NSF Central Coast Data Science Fellow ($5,000 Scholarship)