

HEMANT SRI VARMA DANTULURI

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SUMMARY

Analytical and detail-driven Data Analyst with over 3 years of experience in data automation, workflow optimization, and customer experience enhancement. Skilled in Python, SQL, Excel, Tableau, and Power BI to develop ETL pipelines, build predictive models, and create dynamic dashboards. Proven ability to work independently and collaborate cross-functionally to deliver actionable insights that drive cost savings and improve CX. Strong background in payment processing, financial reporting, and data transformation aligned with business objectives.

SKILLS

Languages:	Python, SQL, R, JavaScript, HTML, C++, Java, C, Object-Oriented Programming (OOP)
Visualization Tools:	Tableau, Power BI, Microsoft Office Suite (Excel, PowerPoint, Word), Google Suite
Data Science:	NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib, Seaborn, Jupyter Notebook, Natural Language Processing (NLP), Predictive Modeling, Statistical Validation
Databases:	MySQL, SQL Server, Data Warehousing, Complex SQL Query Optimization.
Business Intelligence:	Data Interpretation, Report Preparation, PM, KPI's, Trend Analysis, Competitive Analysis.
Cloud Technology:	AWS (S3, EMR), Azure, GCP, Databricks, Salesforce, DBT.
Statistical Testing:	A/B Testing, Hypothesis Testing, Multivariate Regression, Testing Scenarios.
Project & Performance Management:	Agile, Scrum, SDLC, A/B Testing, Hypothesis Testing, Multivariate Regression, SME collaboration, Resource Allocation.

EDUCATION

Master of Science in Information Systems University of Colorado Denver, Denver, CO	Apr 2024
Bachelor of Technology in Computer Science Engineering Gitam University, Hyderabad, India	May 2022

WORK EXPERIENCE

Bvado	Denver, CO
Data Engineer	May 2024 – Present
<ul style="list-style-type: none">Optimized end-to-end payment workflows by developing scalable ETL pipelines in Python and SQL, reducing transaction latency by 50% and improving operational throughput.Designed interactive dashboards in Tableau, Power BI, and Excel (Pivot Tables & Macros) to deliver real-time insights into billing performance, saving the credit team 40+ hours/month.Automated payment validation and reconciliation processes through SQL scripting and API integrations, ensuring 99% data accuracy and full compliance with financial reporting standards.Spearheaded the integration strategy across Salesforce, DBT, and AWS/GCP, centralizing payment data flows and improving resource allocation and reporting efficiency for enterprise-wide initiatives.Supported enterprise project releases by creating audit reports, KPI dashboards, and financial reporting documentation, ensuring smooth deployment of new payment processing features.	
State Street	Denver, CO
Data Analyst	Nov 2023 – Apr 2024
<ul style="list-style-type: none">Enhanced predictive analytics by implementing machine learning models using TensorFlow, improving billing forecasts and fraud detection by 20%, leading to optimized payment lifecycle management.Automated financial data extraction from MySQL and SQL Server using Python scripts, reducing manual data retrieval time by 50% and minimizing errors in payment processing workflows.Designed interactive KPI dashboards in Tableau, Power BI, and Excel, providing real-time insights into billing and credit operations, reducing financial reporting time by 30%.Led data modeling and integration projects for performance analytics, collaborating with cross-functional teams to enhance CX, reduce inefficiencies, and support cost-saving initiatives.	

ACADEMIC PROJECTS

Premier League 2024/25 Prediction (Tech: Python, Selenium, Pandas, Linear Regression) Engineered a sports analytics solution to forecast EPL standings by scraping live match data from Adam Choi's site using Selenium with ChromeDriver , cleaning and transforming it with Pandas . Built a Linear Regression model with 0.80 MSE , accurately predicting Liverpool to lead (91.72 pts) and identifying high-risk relegation zones (Southampton, Leicester, Ipswich) . Delivered visual insights and automated the full data pipeline for weekly refresh, aiding decision-making for fans, clubs, and analysts.
Amazon Sales Insights Analysis (Tech: Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook) Analyzed 10,000+ sales records to uncover patterns in fulfillment, product trends, and regional performance. Identified that 85% of orders were fulfilled by FBA , highlighting trust in Amazon logistics. Revealed T-shirts accounted for 40% of sales , with medium size driving 60% of apparel revenue. Mapped sales by region, with top 10 Indian states generating 75% of revenue , enabling data-driven geo-targeted marketing. Detected 17% return rate spike in high-selling products, suggesting quality control gaps. Delivered insights via interactive visual dashboards, reducing reporting turnaround by 50%.