Cristopher De La Cruz

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Skills

Languages: SQL, Python, DAX, Power Query M
Cloud & Data Tools/Platforms: Microsoft Azure, dbt (Data Build Tool), Mage.ai, AWS
Visualization Tools: Microsoft Power BI, Amazon QuickSight
Development, Containers & Version Control: Git, Docker, Podman, Azure DevOps
Data Analysis & Libraries: Jupyter Notebooks, Pandas, Polars, SQLAlchemy, Matplotlib

Experience

Data Management Specialist (Contract)**,** Beacon Hill – Remote   February 2023 – Present
- Developed Python data pipeline using SQLAlchemy to extract and transform data from Azure DevOps and SAP BusinessObject APIs, loading processed results into Oracle SQL data warehouse staging tables
- Deployed on-premises dbt Core environment and orchestrated scheduled DAG runs through cron jobs
- Developed SQL-based dbt models that transformed complex customer service data into analytics-ready views
- Created integration between final dbt output models and proprietary visualization platform through SQL views
- Published department-wide BI dashboards providing 9 software development teams previously unavailable visibility into 7,000+ active issues, driving VP-level decisions and quarterly backlog reduction initiatives

Business Intelligence Engineer Intern, Amazon – Bellevue, WA   June 2023 – August 2023
- Built QuickSight dashboards to analyze weekly forecasts and net capacity trends to support long-term demand forecast and capacity build plan strategy for all customer fulfillment sort types in Canada
- Automated Excel-based capacity reporting by developing complex SQL queries pulling from Amazon Redshift data sources, completely eliminating a weekly 2.5 hour long manual process and providing instant reports
- Developed QuickSight paginated reports aggregating key capacity metrics across all Canada fulfillment centers, providing week-over-week performance insights for capacity build planning

Accounting Data Analyst Intern, BMW Manufacturing – Greer, SC   August 2022 – December 2022
- Developed Power BI dashboards tracking vendor aging, transaction volumes, and invoice processing metrics across global suppliers, enabling AP team to identify and reduce delayed payments
- Created automated visualizations for PO vs non-PO transaction analysis, monitoring monthly payment volumes and first-pass yield rates to improve processing efficiency
- Documented comprehensive SAP FICO data dictionary including field mappings and data types to support IT team's data replication initiative for BMW's global data lake

QMT Data Analyst Intern, BMW Manufacturing – Greer, SC   January 2022 – May 2022
- Developed a weighted scoring system that evaluated 30+ Tier 1, 2, and 3 suppliers based on KPIs such as defect rates, PPM, and delivery compliance, improving supplier quality assessment and accountability
- Developed an Excel KPI dashboard using Oracle data sources, improving supplier quality performance monitoring
- Built a Power BI dashboard visualizing car manufacturing progress, pulling near real-time data from Oracle databases to support section manager decision making

Certifications

Microsoft Certified: Power BI Data Analyst Associate (PL-300)	October 2022 – October 2025
Microsoft Certified: Azure Data Fundamentals (DP-900)	November 2022
Microsoft Certified: Azure Fundamentals (AZ-900)	November 2022
Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)	December 2022

Education

University of South Carolina Upstate – Bachelor of Arts in Information Management and Systems	December 2024