Tayagorn Manorat

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SUMMARY

Analytical Business Intelligence Analyst with a strong foundation in developing real-time dashboard solutions and automated reporting processes. Engineered unified data platforms and advanced visualization tools, improving reporting accuracy and delivering actionable insights which streamlined decision-making for cross-departmental stakeholders. Seeking to leverage skills in SQL and data modeling to drive data-driven strategies and facilitate informed business decisions through innovative analytical solutions.

EXPERIENCE

Business Intelligence Analyst

Leonardo DRS   **Aug 2024 to Present, Melbourne, FL**

· Engineered and deployed over 15 production Power BI dashboards used daily by operations and production leadership to track scrap, yield, and capacity, resulting in a 30 percent improvement in decision turnaround time.
· Architected robust SQL transformation logic to normalize and reconcile over 12 million rows across legacy and modern systems, establishing unified datasets that empower 20+ cross-departmental stakeholders with actionable insights.
· Optimized reporting infrastructure by redesigning Power BI semantic models and migrating complex logic into SQL views, reducing dataset refresh latency from 60 minutes to approximately 8 minutes while increasing overall system reliability.
· Developed reusable ETL transformation workflows and governed KPI documentation for scrap and yield metrics, creating a single source of truth that reduced organizational reporting discrepancies by 50 percent.
· Developed a proof of concept auditing platform using PowerApps and Microsoft Lists to demonstrate standardized data entry rules, projecting a 40 percent reduction in validation errors and a recovery of 5 manual labor hours per week.
· Developed Python based automation to validate incoming operational data and identify inconsistencies between source systems, enhancing data integrity and reducing reporting defects by roughly 25 percent.
· Partnered with engineering, operations, and finance leadership to gather technical requirements and validate KPI definitions, ensuring all data products align with strategic organizational objectives.

Business Intelligence Intern

Leonardo DRS   **May 2024 to Aug 2024, Melbourne, FL**

· Built operational Power BI dashboards with automated refresh logic, providing supervisors with near real-time visibility into warehouse performance and Work-In-Progress (WIP) aging.
· Developed a specialized Excel and VBA-based genealogy tool utilizing SQL Common Table Expressions (CTEs) to map full product traceability and reduce manual lookup time for engineering teams.
· Engineered Python-driven automation scripts to manage and refresh shop floor displays on a production schedule, eliminating manual data entry and repetitive administrative tasks.
· Spearheaded the migration of local Power BI reports to the Power BI Service environment, implementing gateway refreshes to improve data reliability and cross-team collaboration.
· Collaborated with shop floor supervisors and engineering teams to translate operational pain points into technical data requirements and visualization assets.
· Performed rigorous data quality checks and validation on legacy system exports to ensure accuracy during the transition to new automated reporting tools.

EDUCATION

Bachelor of Science in Management Information Systems andMarketing

Florida State University · Tallahassee, FL · 2024
· Graduated Magna Cum Laude

CERTIFICATIONS

MOS Excel Certification

The Complete SQL Bootcamp, Udemy

P3 Adaptive Advanced Power BI Course

SKILLS

Languages: SQL (T–SQL, SQL Server) , Python , DAX , Power Query (M) , Excel VBA

Data Engineering: ETL/ELT , Semantic Modeling , Data Validation, Data Quality Checks

BI & Visualization: Power BI, , Tableau , PowerApps , Microsoft Lists.

Workflow Automation: Power Automate , Jira , GitHub.

Platforms: SharePoint , Confluence , Power BI Service.

Domain: Operations Reporting , Manufacturing Analytics , Financial Reporting.

Analysis: KPI Design , Business Intelligence , Requirement Gathering, Stakeholder Management