

Tayagorn Manorat

Business Intelligence Analyst

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Business Intelligence Analyst working in a regulated government-contracting environment. Experienced in Power BI, SQL, DAX, Power Apps, Power Automate, SharePoint, data validation, KPI reporting, and stakeholder-facing analytics. I also build personal data systems using Python, REST APIs, OAuth, SQLite, MCP servers, Grafana, Docker, and PostgreSQL.

EXPERIENCE

Business Intelligence Analyst | Leonardo DRS | Aug 2024 – Present | Melbourne, FL (Remote)

- Built production Power BI reports, SQL models, Power Platform tools, and automated workflows for business teams in a regulated environment
- Rebuilt a Power BI semantic model and moved report logic into SQL views, cutting refresh time from 60 to 3 minutes
- Wrote DAX measures with CALCULATE, FILTER, ALL, ALLEXCEPT, SELECTEDVALUE, SWITCH, and VAR/RETURN to support dynamic reporting and cleaner filter logic
- Built role-based reporting patterns in Power BI so different user groups could access the right data without maintaining separate reports
- Designed dynamic Power BI reports where users could switch between metrics from a single control, reducing duplicate report pages and making self-service analysis easier
- Wrote SQL transformation and validation logic to reconcile 12M+ rows across enterprise systems
- Migrated 60,000+ legacy records into new reporting structures while validating data integrity
- Built scheduled SQL processes to refresh KPI baselines, giving teams a consistent way to compare current and historical performance
- Automated manual reporting, intake, and file-handling workflows with Power Apps, Power Automate, SharePoint, Microsoft Lists, and Power BI Service
- Designed SharePoint-backed data structures for Power Apps, supporting structured workflows without requiring premium connector licensing
- Built paginated reporting and alerting workflows to standardize recurring business processes
- Worked with operations, engineering, finance, and leadership teams to define KPIs, validate data, document processes, and deliver reporting tools people could trust

Business Intelligence Intern | Leonardo DRS | May – Aug 2024 | Melbourne, FL

- Built Power BI dashboards that replaced manual Excel workflows and improved self-service reporting for business teams
- Migrated local Power BI reports to Power BI Service with gateway configuration, improving reliability and access for users
- Built SQL and Excel-based tools to support reporting, documentation, and operational analysis

PROJECTS

AI Health Coaching System | Personal project

- Built Python ingestion pipelines that pull data from WHOOP, FatSecret, and Apple Health into a 20+ table SQLite schema with 1.5M+ records
- Handled REST APIs, OAuth 1.0a, OAuth 2.0, and refresh-token logic
- Built an MCP server exposing 16+ tools that let an LLM query live recovery, nutrition, body composition, and goal data
- Built a Grafana dashboard to track weight, macros, recovery, and trend data
- Used Claude Code during development while owning architecture, data modeling, product direction, and testing

PolyKalshi Weather Arbitrage Scanner | Personal project

- Built a prediction-market analytics system that polls Polymarket and Kalshi temperature contracts every 30 seconds
- Compared market-implied probabilities against a model using weather forecasts and historical climatology
- Ran multiple paper-trading strategies with Kelly criterion sizing, independent virtual bankrolls, PostgreSQL storage, Docker Compose, and a Streamlit dashboard

SKILLS

BI and Reporting: Power BI, DAX, Power Query, Semantic Modeling, Power BI Service, Paginated Reports, Row-Level Security

Data and SQL: SQL, T-SQL, SQL Server, Stored Procedures, CTEs, Data Validation, Data Quality, ETL

Power Platform: Power Apps, Power Automate, SharePoint, Microsoft Lists

Data Engineering: Python, REST APIs, OAuth, SQLite, PostgreSQL, Docker, Docker Compose

AI and Automation: MCP Server Development, LLM Tool Integration, Claude, Claude Code, Prompting, Grafana

Business: Requirements Gathering, Stakeholder Management, KPI Development, Process Automation

EDUCATION & CERTIFICATIONS

B.S. Management Information Systems and Marketing | Florida State University, 2024, Magna Cum Laude

Microsoft Office Specialist (Excel) · SQL Bootcamp, Udemy · P3 Adaptive Advanced Power BI · PL-300 (in progress)