DAYANIDHI RANGANATHAN SAMPATH (STAMP 1G)

DATA ANALYST

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PROFILE

Results-driven Data Analyst with 3 years of experience specializing in Business Intelligence, advanced Excel analytics, and SQL-driven data management. Proven track record of designing and delivering robust Power BI dashboards, automating reporting processes, and integrating data from multiple sources to support key business decisions. Adept at translating complex data into actionable insights, driving operational efficiency, and collaborating with stakeholders to deliver high-value analytic solutions. Highly skilled in data modeling, visualization, and the automation of reporting workflows, with a passion for enabling data-driven decision-making and optimizing business performance.

EDUCATION

University Of Limerick   **Sept 2024 — Aug 2025**

MSc Business Analytics, Limerick, Ireland

Graduated with 2:1 Honors.

Key Modules: Data Mining, Predictive Analytics, Business Intelligence, Big Data Processing, Statistics for Business

Anna University   **Jul 2016 — Jul 2020**

BE Mechanical Engineering, Chennai, India

Graduated with First Class Honors (Grade: 7.18/10.00)

PROFESSIONAL EXPERIENCE

Data Analyst, Cognizant Technology Solutions   **Oct 2020 — Jun 2024**

Chennai, India

- **Developed**, maintained, and enhanced **KPI dashboards** and **performance reports** using **Power BI**, **Tableau**, and **Excel** to provide actionable insights on Finance, HR, and Operations metrics for global stakeholders.
- **Consolidated and transformed large datasets** from multiple sources (ERP NetSuite, SAP HR/Payroll, Topdesk, SQL Server, and Excel), ensuring high data quality and **accurate reporting**.
- **Automated reporting workflows** using **Excel VBA** and **Python**, reducing monthly reporting cycle times by **40%** and minimizing manual intervention.
- **Designed and implemented predictive models** in **Python** and **SQL**, enabling data-driven revenue optimization and early anomaly detection.
- Built and supported **complex data models, DAX measures, calculated columns, and Power Query M logic** in **Power BI** for interactive and secure self-service analytics (**Row-Level Security, data governance**).
- Delivered **ad-hoc analysis** and **custom dashboards** in Tableau to visualize trends, track key business KPIs, and present recommendations to executive management, directly influencing strategic decisions.
- Created and optimized **SQL queries** for data extraction, transformation, and delivery, enhancing data integrity and operational efficiency.
- **Collaborated cross-functionally** with business stakeholders to gather requirements, deliver impactful analytics solutions, and ensure alignment with business objectives.
- Provided **second-line BI support**, ensured dashboard and dataset governance, and maintained **compliance with naming standards and security policies**.

KEY PROJECTS & ACHIEVEMENTS

- **Global Sales & Supply Chain Dashboard (Power BI, Azure Data Factory, SQL, Excel):** Integrated data pipelines, automated refresh processes, and implemented RLS—reducing manual reporting by **90%**.
- **HR Payroll Analytics (SAP, Excel, Power BI):** Developed SLA compliance and employee KPI reports, improved compliance tracking, and delivered insights for payroll optimization.
- **Insurance Claims Dashboard (Tableau):** Visualized claims data and presented analyses that influenced strategic policy and decision-making at the executive level.
- **Supplier Performance Analysis (SQL, Power BI):** Identified supplier trends and process bottlenecks, supporting onboarding and finance improvements.

CORE SKILLS AND TOOLS

- **Business Intelligence & Reporting:** Power BI (DAX, Power Query M, Data Modeling, KPI & Executive Dashboards, Row-Level Security), Excel (Advanced Formulas, Pivot Tables, VBA, Power Query)
- **Data Management:** SQL (Queries, Joins, Subqueries, Data Extraction, Data Cleaning, ETL)
- **Data Visualization:** Power BI (Interactive Dashboards, Visual Analytics), Excel (Charts, Dashboards)
- **Automation:** Excel VBA Scripting, Automated Data Pipelines, Report Scheduling
- **Data Integration:** Connecting & Transforming Data from Multiple Sources (ERP, SQL Server, Excel)
- **Stakeholder Collaboration:** Requirements Gathering, Dashboard Design, Ad-Hoc Analysis Delivery

CERTIFICATIONS

AWS Cloud Practitioner (CLF-C02) – Ongoing   **Oct 2025**

Power BI Data Analyst – Data Camp In Association with PL-300   **Mar 2025 — Jun 2025**

Postgraduate Program in Data Science & Business Analytics – University of Texas at Austin, McCombs School of Business   **Apr 2022 — Apr 2023**

Graduated with GPA: 3.47 / 4.00. The Core Modules are as follows:

1. Python for Data Science (NumPy, Pandas, Matplotlib)
2. Predictive Modelling & Time Series Forecasting (ARIMA, exponential smoothing)
3. Tableau (data visualization, dashboards)
4. Marketing & Retail Analytics (segmentation, churn, market basket)