

# AARYA MODY

Data Analyst | Power BI · Azure Databricks · SQL · Python · Smartsheet

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[github.com/AaryaMody1301](https://github.com/AaryaMody1301) Surat, India | Open to Relocation

## Professional Summary

Results-driven Data Analyst with 3+ years of experience architecting scalable data pipelines, engineering enterprise-grade semantic models, and delivering BI solutions that influence multi-million-euro business decisions. Currently spearheading a Medallion Architecture migration on Azure Databricks at Brentwood Industries—designing Power BI Direct Lake dashboards across four global business units and owning end-to-end QA governance of vendor-delivered analytics assets. Previously at IITS, automated 20+ hours of weekly reporting, improved data accuracy by 35%, and shipped a forecasting model under 5% MAPE that backed €500K+ in strategic planning.

## Core Competencies

<b>BI &amp; Visualization</b>	Power BI (PL-300), DAX, Power Query, Direct Lake, Tabular Editor, Tableau, Advanced Excel
<b>Programming</b>	Python (Pandas, NumPy, Matplotlib), SQL (T-SQL, MySQL, PostgreSQL), R, VBA
<b>Data Engineering</b>	Azure Databricks, Delta Lake, Medallion Architecture, ETL/ELT Pipelines, Star Schema, Data Modeling
<b>Cloud &amp; Platforms</b>	Microsoft Azure (Data Factory, Synapse Analytics), Smartsheet, Git, Jupyter, Jira, Power Automate
<b>Analytics</b>	Statistical Modeling, Predictive Analytics, A/B Testing, KPI Design, Ad-Hoc Analysis
<b>Governance &amp; Soft</b>	Stakeholder Management, Vendor Management, Requirements Gathering, Data Storytelling, ISO Documentation, Agile

## Professional Experience

**Data Analyst** | *Analytics & Digital Intelligence*  
*Brentwood Industries, Inc.*

Feb 2026 – Present  
*Vadodara, India*

- **Led enterprise-scale Medallion Architecture migration** from a legacy Power BI environment to Azure Databricks (Bronze / Silver / Gold layers), ingesting production data from Infor SyteLine ERP to build a governed, high-performance analytics foundation serving four global business units.
- **Owned end-to-end QA governance** of vendor-delivered Power BI semantic models across five reporting domains—Inventory, Quality, Planning, Purchases, and Production—validating DAX measures, table relationships, and data transformations against functional requirements; authored structured gap-analysis reports that drove critical vendor remediation cycles and safeguarded enterprise reporting integrity.
- **Modernised enterprise analytics reporting** by engineering and optimising complex DAX measures, mapping 16 legacy metrics to 33 new, performance-tuned equivalents that leverage Gold-layer pre-computed KPIs—eliminating redundant in-model computation and enabling near-instant query response across Power BI Direct Lake dashboards.
- **Validated and certified complex ETL pipelines** across Silver-to-Gold layer transformations in Azure Databricks, enforcing data integrity, audit-trail traceability, and compliance with enterprise data governance standards; coordinated upstream data quality resolution with the Data Governance Lead.
- **Architected a cross-departmental project synchronisation framework** in Smartsheet using three logically isolated but interconnected workspaces—preserving exact row hierarchy and parent-child relationships enterprise-wide—enabling real-time operational visibility and eliminating manual status consolidation across business units.
- **Managed full vendor engagement lifecycle** for external analytics development teams: authored technical specifications from business requirements, led structured feedback and remediation cycles, and delivered concise executive-level status updates to the Director of Analytics & Digital Intelligence—maintaining delivery accountability across parallel workstreams.

**Data Analyst**  
*IITS – Integrated IT Solutions*

Apr 2023 – Dec 2025  
*Surat, India*

- **Reclaimed 20+ hours of weekly manual effort** by automating five end-to-end reporting workflows with Python and SQL stored procedures, freeing the team to focus on higher-value strategic analysis.

- **Shipped 10+ Power BI dashboards** adopted daily by 50+ users as the single source of truth for sales, operations, and finance—each built with KPI alerting and self-service drill-through capabilities.
- **Built a production-grade sales forecasting model** achieving sub-5% MAPE, giving senior leadership the statistical confidence to anchor €500K+ in annual budget and inventory planning decisions on data.
- **Overhauled critical SQL reporting pipelines by 40%**, compressing overnight batch run times to under one hour and ensuring SLA compliance across all scheduled report refreshes.
- **Unified five siloed ERP and CRM systems** into a single, consistent data pipeline—raising data consistency by 30% and resolving chronic cross-departmental reconciliation disputes.
- **Served as the primary analyst for ad-hoc intelligence** across 5+ departments, translating ambiguous business questions into structured analyses acted upon at the senior leadership level.

## Data Analyst Intern

IITS – Integrated IT Solutions

Apr 2022 – Mar 2023

Surat, India

- Authored production SQL queries, cleaned and transformed datasets in Python, and validated data for live BI reports—contributing to real production systems from week one.
- Prototyped Power BI dashboards that senior analysts refined into production reports; several remained in active deployment through the end of the analyst tenure.
- Documented data models, source-to-target mappings, and reporting logic—building a technical documentation baseline adopted by the broader analytics team.

## Key Achievements

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- Spearheading Brentwood Industries’ migration to a Medallion Architecture on Azure Databricks—establishing a governed, scalable analytics platform serving four global business units via Power BI Direct Lake.
- Delivered comprehensive QA governance across five Power BI reporting domains, producing gap-analysis documentation that directly drove vendor remediation and protected reporting accuracy.
- Automated 5+ reporting pipelines end-to-end, reclaiming 20+ hours per week—equivalent to a half-time analyst hire.
- Shipped a sales forecasting model (<5% MAPE) trusted enough to anchor €500K+ in strategic budget and inventory planning.
- Overhauled SQL query performance by 40%, compressing report generation from overnight batches to sub-hour refreshes.
- Unified five siloed ERP/CRM data sources into a single pipeline, eliminating 30% of cross-departmental data discrepancies.

## Education

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### Bachelor of Science — Information Technology

Parul University, Gujarat, India

2020 – 2023

GPA: 8.73 / 10

- *Leadership:* Lead, Google Developer Student Club — organised a 100+ participant technology hackathon.
- *Coursework:* Data Structures, Database Management Systems, Statistical Analysis, Business Intelligence.

## Certifications

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- Microsoft Power BI Data Analyst Associate (PL-300) — Microsoft
- SQL for Data Analysis — LinkedIn Learning
- Deloitte Australia Data Analytics Job Simulation — Forage
- Learning Excel: Data Analysis — LinkedIn Learning

## Languages

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**English** — C2 Proficient | **German** — A2 (Actively pursuing B2) | **Hindi / Gujarati** — Native