

# AARYA MODY

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

📞 +91 8000334499 ✉ aaryamody5@gmail.com 🔗 [linkedin.com/in/aarya-mody](https://www.linkedin.com/in/aarya-mody) 🌐 [aaryamody.app](https://aaryamody.app)  
📁 [github.com/AaryaMody1301](https://github.com/AaryaMody1301) 📍 Surat, India | Open to Relocation

## Professional Summary

Data Analyst with **3+ years** of hands-on experience extracting, modeling, and visualizing data that moves business decisions forward. Currently building the reporting layer at Brentwood Industries—from **Databricks** notebooks and **Delta Lake** to **Power BI** dashboards on **Direct Lake**—serving four business units. At IITS, automated **20+ hours** of weekly manual reporting, improved data accuracy by **35%**, and shipped a forecasting model under **5% MAPE** that backed **€500K+** in business planning.

## Core Competencies

### BI & Visualization:

Power BI (PL-300), DAX, Power Query, Direct Lake, Tableau, Advanced Excel

### Data Engineering:

Databricks, Delta Lake, ETL/ELT Pipelines, Data Warehousing, Star Schema, Data Modeling

### Programming:

Python (Pandas, NumPy, Matplotlib), SQL (T-SQL, MySQL, PostgreSQL), R, VBA

### Cloud & Platforms:

Azure (Data Factory, Synapse), Git, Jupyter, Jira, Power Automate, Agile

### Analytics:

Statistical Modeling, Predictive Analytics, A/B Testing, KPI Design, Ad-Hoc Analysis

### Business & Governance:

Stakeholder Management, Requirements Gathering, Data Storytelling, ISO Documentation

## Professional Experience

### Data Analyst

*Brentwood Industries, Inc. — Analytics & Digital Intelligence* | Vadodara, India

Feb 2026 – Present

- Own the end-to-end reporting layer of the digital intelligence platform—designing **Power BI** dashboards (DAX, Power Query) wired to **Databricks** via **Direct Lake mode** for live KPI tracking across sales, operations, finance, and supply chain.
- Extract and transform production data from the enterprise **Delta Lake** and data warehouse using **SQL** and **Databricks notebooks**; build and maintain living data dictionaries alongside the Data Governance Lead.
- Run ad-hoc exploratory analyses and statistical deep-dives in **Python**, turning ambiguous stakeholder questions into clear, data-backed recommendations for quarterly planning.
- Stand up self-service **Power BI** reports with user-facing training and documentation, giving business users direct access to their data and reducing recurring report requests.
- Act as the bridge between Analytics and the business—gathering requirements from department heads, writing technical specs, and presenting findings to the Director of Analytics and Digital Intelligence.
- Keep every dashboard, pipeline, and analytical process documented to **ISO standards**; flag data quality issues early and coordinate resolution with the Analytics Manager and Data Governance Lead.

### Data Analyst

*IITS – Integrated IT Solutions* | Surat, India

Apr 2023 – Dec 2025

- Cut **20+ hours of weekly manual work** by automating five reporting workflows end-to-end with **Python** scripts and **SQL** stored procedures, freeing the team for higher-value analysis.
- Designed and shipped **10+ Power BI dashboards** that became the single source of truth for sales, operations, and finance—adopted daily by 50+ users across the company.
- Built a **sales forecasting model** that held under **5% MAPE**, giving leadership the confidence to base **€500K+** in budget and inventory decisions on data.
- Rewrote the slowest SQL queries in the reporting pipeline, delivering a **40% performance gain** and compressing overnight batch runs into sub-hour refreshes.
- Pulled data from **five disconnected ERP/CRM systems** into one unified pipeline, lifting data consistency by **30%** and ending cross-departmental reconciliation issues.
- Became the go-to analyst for ad-hoc requests—translated fuzzy business questions from **5+ departments** into structured analyses that senior leadership acted on.

## Data Analyst Intern

IITS – Integrated IT Solutions | Surat, India

Apr 2022 – Mar 2023

- Wrote production **SQL** queries, cleaned datasets in **Python**, and validated numbers for live BI reports—working with real production data from the first week.
- Prototyped **Power BI** dashboards that senior analysts refined into production reports; several remained in active use at the time of departure.
- Documented data models, source mappings, and reporting logic, building a solid foundation in technical documentation and stakeholder communication.

## Key Achievements

---

- Automated **5+ reporting pipelines** end-to-end, reclaiming **20+ hours per week**—the equivalent of a half-time analyst hire.
- Shipped a **sales forecasting model (<5% MAPE)** trusted enough to anchor **€500K+** in budget and inventory planning.
- Overhauled SQL query performance by **40%**, compressing report generation from overnight batch runs to sub-hour refreshes.
- Unified **five siloed ERP/CRM sources** into a single data pipeline, eliminating **30%** of data discrepancies across the organization.
- Building Brentwood Industries' self-service BI capability from scratch—**Power BI on Databricks Direct Lake**, serving four business units.

## Education

---

### Bachelor of Science — Information Technology

Parul University, Gujarat, India

2020 – 2023

**GPA: 8.73/10**

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

## Certifications

---

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

## Languages

---

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