

Dhruv Shah

Data Analyst • Business Intelligence • Reporting Analyst
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Experience

Android App Development Intern - Uplifty AI

Feb 2026 – Apr 2026

- Modeled relational data for completion records, reward events, and user achievements, enabling cleaner reporting and downstream KPI analytics workflows across user activity data.
- Improved business-rule consistency by reducing duplicate validation logic by **25%** across reward eligibility, activity gating, reporting-ready event data, and audit checks.
- Supported business analysis by translating product rules into validated data models for achievement and rewards reporting.

Research Assistant - Binghamton University

Sept 2025 – Jan 2026

- Reduced manual analysis time by **30%** by developing ETL workflows to ingest, preprocess, transform, and visualize large-scale research datasets for reporting and review.
- Improved experimentation cycle time by **20%** by building configurable analytics modules with parameterized weighting logic, repeatable preprocessing, and validation checks.
- Produced research insights through dashboards and visualizations for data consistency, trend analysis, analytical review, and stakeholder-ready summaries.

Software Engineering and Data Intern - Global Health Impact

May 2025 – Sept 2025

- Reduced manual data processing by **30%** by building Python pipelines to clean, transform, and standardize multi-sheet WHO datasets across HIV, TB, and NTD research.
- Developed disease impact models using DALYs, treatment coverage, and drug efficacy inputs to support year-over-year health outcome comparisons across countries.
- Improved research reproducibility by optimizing spreadsheet-to-Python workflows for impact score computation, academic reporting, and faculty review.

Data Analyst - R&P Consultants

Apr 2023 – Apr 2024

- Helped save approximately **\$5,000** in manual reporting effort by automating production and inventory reports with MySQL queries, Python, Excel templates, and scheduled files.
- Improved reporting quality by cleaning, validating, and transforming production, inventory, and machine utilization data for KPI analysis and operational trend review.
- Supported management decisions with KPI dashboards for production trends, inventory performance, machine utilization reporting, and weekly operations reviews.

Projects

F1-InsightX [\[Website\]](#)

- Analyzed **369K+ laps**, **13K+ race results**, and **48K+ stint records** to derive driver, team, telemetry, race-week, and standings insights for dashboard visualizations.
- Built validated analytics views across **663 sessions** and **54 race analyses**, summarizing pace evolution, stint strategy, position movement, weather, and performance trends.

Sales Performance Dashboard

- Analyzed Olist e-commerce sales data across **112K+ order items** and **99K+ orders** using SQL, Python, Excel, and Power BI to explain revenue, delivery, customer, and category performance.
- Built a Power BI dashboard with DAX measures for delivered revenue, AOV, late delivery rate, review score, repeat customer rate, and category revenue share.

Healthcare Outcomes Dashboard

- Analyzed healthcare quality and utilization data in **Tableau** to compare patient outcomes, readmission patterns, department performance, and care trends.
- Designed an executive-ready dashboard story with filters and KPI views to make clinical performance, operational gaps, and improvement areas easier to understand.

Technical Skills

Analytics & BI: SQL, Excel, Pivot Tables, VLOOKUP, XLOOKUP, Power BI, Tableau, KPI Reporting, Dashboards, Data Visualization

Tools and Libraries: Python, Pandas, NumPy, PostgreSQL, MySQL, MongoDB, Azure, Git, GitHub, CSV, JSON

Soft Skills: Stakeholder Collaboration, Requirements Gathering, Executive Reporting, Cross-functional Communication

Education & Certifications

Binghamton University, SUNY

Binghamton, NY

M.S. in Computer Science

Expected Sept 2026

Microsoft Certified: SQL AI Developer Associate [\[Verify\]](#)

Aug 2026 – Aug 2027