Advait Athalye

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Data Analyst with 3+ years’ experience in SQL, Python, Tableau and Power BI, skilled at defining the right metrics and translating data into clear, actionable insights across HR, Education & Cybersecurity sectors, working with cross-functional teams with a focus on data analysis and visualization.

# Education

**Cleveland State University** Cleveland, OH

Master’s in Management Information Systems Aug 2023 – May 2025

## Visvesvaraya Technological University India

Bachelor’s in Computer Science Aug 2018 – Sep 2022

# Skills

* **Analytics & Data Science:** Python (Pandas, NumPy, Scikit-learn), R, Media Mix Modeling, SAS, A/B Testing,
* **BI & Dashboards:** Power BI (DAX, M Query), Tableau, Looker, Google Data Studio, Google Sheets, SSRS, SSIS
* **Databases & SQL:** T-SQL, PL/SQL, MySQL, PostgreSQL, BigQuery, dbt, Snowflake, Redshift
* **ETL & Data Pipelines:** ETL Workflows, Data Warehousing, Data Transformation, Scala, SQL Optimization
* **Tools & Collaboration:** Git, Agile (Scrum, JIRA), Communication, Stakeholder Reporting, Data Storytelling
* **Certifications:** Google Data Analytics Professional Certificate (SQL, Tableau, A/B Testing, Data Cleaning)

# Professional Experience

## SSi People | Power BI, SQL Server, Python, Alteryx, A/B Testing, ETL Pipelines, Data Storytelling

**Data Analyst** Sep 2022 – Aug 2023

* Developed Power BI dashboards using SQL Server and data sourced from HR systems like Workday and Greenhouse for real-time KPI tracking, cutting manual reporting by 60%
* Boosted HR campaign ROI by 10% by A/B testing and hypothesis-driven analysis to refine outreach strategies
* Enhanced recruiter performance by 15% by building automated funnel analytics and streamlining sourcing workflows through SQL querying logic, Python scripting, and Alteryx-based ETL pipelines
* Elevated data quality and alignment to business goals for Deloitte and KPMG by transforming large SQL Server datasets into insight-driven Power BI visualizations and clear data storytelling

## Pace Infotech | Tableau, MySQL, PostgreSQL, Excel (Pivot Tables, Macros), Data Cleaning, Data Validation

**Data Analyst** Aug 2021 – Sep 2022

* Created executive dashboards in Tableau to track cybersecurity KPIs by integrating MySQL and PostgreSQL data sources with real-time filters, reducing decision turnaround time by 30%
* Cleaned and transformed 20K+ records with SQL and validation logic, boosting security report reliability
* Refined data reliability in executive reports by optimizing SQL queries and automating Excel summaries with macros and pivot tables, increasing reporting accuracy by 20%

## Visvesvaraya Technological University | Power BI, SQL, Python, Data Pipelines, Data Automation

**Data Analyst** Jul 2020 – Jul 2021

* Migrated 40+ academic dashboards to Power BI for a university setting, enhancing student and department performance tracking and improving data accuracy through automation checks
* Improved admission conversion by building a Multi-Touch Attribution model in SQL and Python that revealed high-impact touchpoints like campus tours, email campaigns, and counselor sessions
* Automated enrollment and inventory pipelines through SQL-based workflows, cutting down manual effort and increasing process efficiency by 40%

# Projects

## Amazon USA Sales Analysis [GitHub](https://github.com/advaitathalye/Amazon-USA-Sales-Analysis-Project)

* Analyzed 20K+ records using PostgreSQL, SQL window functions, and stored procedures to uncover fulfillment delays and return trends, boosting forecasting accuracy by 35% through anomaly detection and query optimization.

## British Airways Tableau Dashboard [GitHub](https://github.com/advaitathalye/British-Airways-Data-Analysis-Dashboard)

* Developed a Tableau dashboard analyzing 20K+ customer reviews using SQL and Python; visualized KPIs like seat comfort and value for money, driving CX insights through sentiment analysis.