

Shubham Ralli

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EDUCATION

The University of Texas at Dallas | Richardson, USA

August 2022 - May 2025

Bachelor of Science, Business Analytics & Artificial Intelligence

GPA: 3.94

- **Professional Affiliations:** Microsoft Student Ambassador | UTD Student Ambassador
- **Honors:** Dean's List Member | IBM & Google Certified Data Analyst
- **Academic Background:** Advanced Big Data Analytics | Business & Data Analytics | Cyber Security

SKILLS AND CERTIFICATIONS

Revenue Optimization & Data Analytics: SQL | Snowflake | DBT | Python | Metabase | Statistical Modeling

Business Intelligence & Data Visualization: Power BI | Tableau | Looker | Google Data Studio

Automation & ETL Pipelines: API Integrations | Data Governance | Data Transformation | Process Automation

Database Management: PostgreSQL | Microsoft SQL Server | MySQL | Relational & Dimensional Databases

Soft Skills: Strategic Problem-Solving | Collaboration | Critical Thinking | Communication

WORK EXPERIENCE

Eyes Now

Business Data Analyst

September 2024 – Present

- Increased revenue potential by identifying \$200K+ in missed billing opportunities through SQL-driven data mining and anomaly detection.
- Reduced reporting time by 85% by automating data extraction and visualization in Snowflake & Metabase, enabling executive teams to make faster decisions.
- Developed automated exception reports that flagged revenue leakage, enhancing financial accuracy by 40%.
- Built predictive models to forecast patient demand, improving resource allocation and revenue management efficiency.
- Optimized ETL workflows to process clinical operational data 35% faster, reducing delays in business intelligence reporting.

Springer Capital Investments

Data Automation Analyst Intern

May 2024 – August 2024

- Improved investment analysis accuracy by 30% by automating data pipeline integrations between Snowflake, PostgreSQL, and Power BI.
- Reduced SQL query execution time by 25% through indexing optimization and structured query tuning.
- Designed and implemented automated revenue trend analysis dashboards, providing executives with real-time insights into portfolio performance.
- Standardized data governance processes, ensuring consistency across financial and operational datasets.

The University of Texas at Dallas

Academic Data Analyst

September 2022 – January 2024

- Increased enrollment forecasting accuracy by 45% using predictive modeling on SQL-driven academic datasets.
- Reduced manual reporting by 60% by automating student performance analytics, improving decision-making speed.
- Built and maintained a relational database that optimized SQL query performance by 40% for over 30,000+ student records.
- Developed machine learning-based early warning indicators, leading to a 20% increase in student retention rates.

PROJECTS

Automated Call Analysis Dashboard – Python, Selenium, Looker, APIs | [Link](#)

January 2025 – March 2025

- Automated the extraction and transcription of customer support call logs, utilizing Python and Selenium for web scraping and speech-to-text APIs for accurate transcription, enhancing operational efficiency.
- Developed a real-time analytics dashboard in Looker, integrating sentiment analysis, call tagging, and machine learning predictions to provide actionable insights for customer service management.

Trends in Aviation Accidents – Tableau, Microsoft SQL Server, Excel | [Link](#)

August 2024 – October 2024

- Identified data inconsistencies and improved forecasting accuracy by 38% through statistical analysis of aviation accidents.
- Developed interactive Tableau dashboards that streamlined reporting and enabled real-time data insights.