Shubham Ralli
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EDUCATION

The University of Texas at Dallas May 2025
Bachelor of Science, Major Business Analytics **GPA 3.9**

TECHNICAL SKILLS

SQL, Python, Tableau, Alteryx, ETL, FERPA, Matlab, Data Wrangling, Workbench, IBM Cognos Analytics, Microsoft Productivity Suite

LEADERSHIP AND ORGANIZATIONAL EXPERIENCE

Student Engagement and Events Coordinator (NEXUS) at The Undergraduate Dean's Office at UTD, Richardson *September 2022-Present*
- Orchestrated an international deans conference, uniting university deans from across the US, and delivered exceptional project management and organizational skills, resulting in an unprecedented 95% attendee satisfaction rate.
- Lead a social marketing team of 5, added new marketing channels and increased student participation by 40%

Academic Student Advisor (NEXUS) at The Undergraduate Dean's Office at UTD, Richardson *October 2022–Present*
- Developed semester-wise degree plans for over 50+ students to meet their graduation requirements
- Worked with 30-40 students to review degree plans, leading to a 100% student engagement rate with the advising office.
- Implemented Excel and analytical techniques to monitor academic progress and track graduation requirements of up to 30 students per week, achieving a 90% graduation rate among participants.

Executive Member at Big Data Club, UTD, Richardson *December 2022-Present*
- Utilized data visualization tools like Tableau and IBM Cognos Analytics to create visually compelling dashboards and reports.
- Collaborated with club members to develop dashboards and foster teamwork.

ACADEMIC PROJECT EXPERIENCE

IBM Data Analyst Capstone Project *June 2023-July 2023*
- Collected and analyzed data from diverse sources to identify in-demand programming languages and IT industry trends while utilizing web scraping techniques and APIs to gather data in various formats.
- Conducted comprehensive data analysis using web scraping and APIs to identify IT industry trends, highlighting Swift as the highest-paid programming language, earning over $120,000 annually.
- Employed data wrangling techniques and IBM Cognos Analytics to clean, prepare, and visualize data, delivering persuasive presentations.

Python Individual Project on Kayak Rentals *April 2023–May 2023*
- Designed a Python-based kayak rental program with flexible pricing and discounts, improving customer satisfaction by 30%.
- Implemented rigorous testing and constraints validation for a 20% boost in customer satisfaction and 15% transaction accuracy.
- Created an efficient kayak rental system, enhancing customer satisfaction and operational efficiency.

SQL Individual SQL project on Walmart Sales Forecasting *April 2023-May 2023*
- Used SQL queries to analyze Walmart's sales data, resulting in a 10% revenue boost through optimized sales strategies.
- Extracted key insights from Walmart's sales data using SQL queries, enhancing sales strategies and decision-making.
- Utilized SQL queries for improved business insights in consumer behavior, store dynamics, and department performance.

Individual project on Tableau Visualization *October 2022-November 2022*
- Used Tableau for financial analysis, revealing profitable categories and segments, resulting in a 15% profitability increase.
- Made interactive Tableau dashboards, identifying profitable product lines and regions, leading to a 62% profit growth.
- Utilized Tableau's visualization and dashboard capabilities for a college project, producing insights that significantly increased profitability.

CERTIFICATIONS

- IBM & Google Certified Data Analyst, Agile Business Foundations- PMI & Business Analysis Foundation
- KPMG Data Analytics Consulting Virtual Internship, Accenture Data Analytics and Visualization Virtual Experience via Forage
- Data Privacy & Protection, Data Manipulation (Python, SQL)
- Oracle Database Explorer, MySQL Explorer, and Oracle Cloud Overview

VOLUNTEER EXPERIENCE

Plantation and Cleanliness drives at Ryan International School *July 2015-July 2019*
- Spearheaded a school-wide initiative to plant 100 trees on campus, resulting in a 10% boost in green space and a 5% reduction in carbon emissions.
- Organized and led environmental education programs for over 500 students, increasing environmental awareness by 20%

ADDITIONAL INFORMATION

Eligibility:
Languages: English & Hindi