

Radhika Dubey (+1 214-218-7092)

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EDUCATION

The University of Texas at Dallas

August 2023 - May 2025

Master of Science, Information Technology and Management (Currently pursuing) | GPA: 3.75

Relevant Coursework: Statistics and Data Analysis, Data Management, Big Data, Data Visualization, Object-oriented programming in Python, Web Analytics, Cloud Computing

Banasthali University

July 2019 - May 2021

Master of Science, Computer Science | GPA: 3.5

SKILLS

Data Analysis:	Regression Analysis, Hypothesis Testing, KPI Development, Metric Definition
Programming Languages:	Python, SQL, JavaScript, HTML5, CSS
Data Visualization:	Tableau, Power BI, Excel (Advanced), Silktide
Data Processing:	ETL, Data Modeling, Data Warehousing
Project Management:	Jira, Confluence, Agile Methodologies
Certifications:	AWS Cloud Practitioner, Azure Fundamentals, Alteryx Designer, Figma for UX Design, SEO Foundations

PROFESSIONAL EXPERIENCE

Web Analytics Intern, The University of Texas at Dallas

January 2025 - Present

- Implemented data-driven strategies based on Google Analytics insights that improved website performance metrics by 20%
- Conducted statistical analysis of user behavior patterns, identifying key friction points and increasing CTR by 15%
- Developed comprehensive scroll map analytics that optimized content placement, improving engagement by 30%

Analyst & Web Designer (Student worker), The University of Texas at Dallas

April 2024 – December 2024

- Created interactive dashboards visualizing user journey data across 198+ pages, reducing bounce rates by 15%
- Led cross-functional data analysis workshops that streamlined decision-making processes and reduced project timelines by 32%
- Designed A/B tests to validate navigation improvements, resulting in 20% higher user retention rates
- Performed multivariate analysis on Silktide audit data to identify critical UX issues affecting 10,000+ monthly visitors

Business Analyst, Satish Cold Storage

January 2023 - June 2023 & January 2020 - December 2020

- Developed predictive supply chain models using time-series analysis, reducing waste by 35% and enabling 95% fulfillment rates
- Delivered **client-facing insights** to optimize pricing strategies, directly increasing profitability by 40%.
- Automated ETL workflows for financial reporting, improving data quality by 25% and saving 200+ hours annually.

Data Systems Engineer, TATA Consultancy Services

July 2021 - December 2022

- Enabled digital client integration via 10+ APIs, accelerating third-party adoption by 35% and generating \$0.5M in efficiency gains.
- Optimized SQL queries and implemented Elasticsearch, reducing query execution time by 30% and enhancing decision-making.
- Collaborated with global teams to develop dimensional data models that improved cross-functional analytics by 30%
- Implemented data quality frameworks and validation processes, reducing reporting errors by 20%.

PERSONAL PROJECT EXPERIENCE (<https://github.com/RadhikaWomenTech>)

Financial Index Data Analysis & Visualization

August 2023 - December 2023

- Developed Python data pipeline to process 10,000+ financial records, implementing statistical imputation techniques.
- Created interactive Pandas/Matplotlib visualizations to communicate complex financial patterns to non-technical stakeholders.
- Engineered dimensional data models that reduced data processing time by 20% while improving data integrity.

ORGANIZATIONS EXPERIENCE

ITM Student Leadership Council, UT Dallas – Social Media & Design Team Student Mentor

August 2024 - Present

- Mentored 10+ students in data-driven social media strategies, boosting engagement by 10% and fostering leadership in cross-campus initiatives.