

Radhika Dubey

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SUMMARY

Data Analyst (3+ years) with strong expertise in Python, SQL, Tableau, Power BI, ETL, and data modeling across finance, inventory, and customer analytics—delivered scalable dashboards and automated pipelines to improve decision-making and operational accuracy.

SKILLS & CERTIFICATIONS

Programming & BI: Python, JavaScript, React, SQL (T-SQL, PL SQL), Swift, FoxPro, TypeScript, HTML, CSS, SSRS, Tableau, Power BI, Excel (Advanced), Google Analytics

Database & ETL: SQL Server, MySQL, Couchbase, SSIS, Alteryx, Docker (Container Technologies), Stored Procedures, Triggers, Schema Design, Query Optimization, Data Migration

Data Analysis & Methods: Regression, Hypothesis Testing, KPI/Metric Development, Metric Definition, Exploratory Data Quality Checks

Development Tools & Methodologies: ADO, XML, Jira, Confluence, Git/TFS (Version Control), Agile Methodology

Certifications: AWS Certified Cloud Practitioner, Microsoft Azure Fundamentals, Alteryx Designer Core, McKinsey.org Forward Program

EDUCATION

Master of Science in Information Technology and Management, The University of Texas at Dallas | GPA: 3.75

Aug 2023 - May 2025

Master of Science in Computer Science, Banasthali University | GPA: 3.50

Jul 2019 - May 2021

EXPERIENCE

Web Analyst Intern

Apr 2024 - May 2025

The University of Texas at Dallas - Digital Services and Analytics | Dallas, US

- Presented dashboard findings to fix the three biggest causes of crashes on the website, which improved the user experience and increased average session duration by 20% within one quarter.
- Tracked and analyzed user behavior extensively using Google Analytics and Excel (advanced), leading to a demonstrable 20% improvement in critical digital metrics through actionable insights.
- Conducted thorough root-cause analysis and rigorous data quality checks using advanced SQL techniques to ensure accuracy across internal reporting systems, collaborating with Quality Assurance to maintain data integrity.

Senior Business Analyst

Jan 2023 - Jun 2023

Satish Cold Storage | India

- Optimized warehouse storage strategy through analysis of layout and inventory rotation, reducing spoilage by 15% and increasing capacity utilization by 10%.
- Conducted in-depth market research and competitive analysis for warehouse storage, informing pricing and service adjustments that led to a 7% increase in market share and 5% customer retention.
- Performed detailed cost-benefit analysis of warehouse operations, proposing and implementing process improvements that resulted in a 12% reduction in overhead costs.

System Engineer

Jul 2021 - Dec 2022

TATA Consultancy Services | India

- Optimized complex SQL queries and integrated Elasticsearch to accelerate data retrieval across enterprise systems, effectively reducing SQL query latency by 30%.
- Integrated over 10 third-party services for a financial client via RESTful APIs and XML, generating \$0.5M in operational efficiency and streamlining data exchange processes.
- Designed and constructed robust dimensional data models using star schema techniques, in close collaboration with cross-functional teams, boosting analytics efficiency by 30% through improved data structure.

Data Analyst Intern

Jan 2021 - May 2021

Brainmobi Technology Pvt. Ltd. | India

- Executed comprehensive data validation pipelines and rigorous QA checks using Python and SQL, significantly reducing reporting inconsistencies by 20% across stakeholder dashboards.
- Developed and documented dimensional data models in collaboration with product and marketing teams, enhancing cross-functional data accessibility by 30%.

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

Market Dynamics Analysis: Visualizing Financial Trends and Insights.

Jan 2024 - Apr 2024

- Led a comprehensive financial data visualization project, applying Data Analysis & Statistical Methods and BI & Reporting Tools to transform complex datasets into actionable insights, increasing strategic decision-making efficiency for senior stakeholders by 25%.

Truck Fleet Metrics Analysis

Jan 2024 - Apr 2024

- Engineered a distributed data pipeline using Hadoop/Spark and executed ETL workflows via Impala and Sqoop to analyze truck fleet performance metrics, improving planning recommendations by 25% through advanced SQL queries for operational insights.

LEADERSHIP AND VOLUNTEERING

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

Aug 2024 - May 2025

- Guided 10+ students in developing and executing data-driven social media strategies, significantly increasing engagement by 10% and cultivating emerging leaders.

Forward Program by McKinsey.org – Global Participant

Apr 2025 – Jul 2025

- Selected from over 100,000 global applicants for McKinsey.org's prestigious program, cultivating advanced competencies in structured analysis, digital collaboration, and impactful communication.