

Kaustubh Manoj Darange

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EDUCATION

University of Texas at Dallas (UTD)

Aug 2024 – May 2026

Master of Science in Business Analytics & AI

Relevant Coursework: Data Visualization, Business Analytics with R, Database Foundations for Business Analytics, Predictive Analytics, Prescriptive Analytics, Marketing Web Analytics, Organizing for BA platforms, Advance Statistics.

The University of Mumbai, INDIA

Aug 2018 – Aug 2022

Bachelor of Mechanical Engineering

TECHNICAL SKILLS

Languages: SQL, Python, Java, Node.js, React, RStudio.

Databases: SQL, MySQL, PostgreSQL, MongoDB (NoSQL).

Soft Skills: Analytical Thinking, Observant, Teamwork, Leadership, Data-driven decision-making, Communication, Conflict Resolution.

Tools: Tableau, PowerBI, Snowflake, CRM Systems, Scrum, Google Analytics, Microsoft Excel,

EXPERIENCE

Centre For Computational Technologies & Pvt. Ltd. | PUNE

Jan 2023 – July 2024

Business Analyst & Marketing Executive

- **Data Collection and Organization:** Collected and organized data through extensive market research and imported data into internal systems to support strategic decision-making.
- **Data Analysis:** Analyzed both qualitative and quantitative data using SQL, and Snowflake to derive actionable insights, boosting key performance metrics.
- **Reporting and Presentation:** Generated comprehensive visualization reports & dashboards on Tableau and presentations on findings, aiding in data-driven decision-making.
- **Team Lead:** Led a team of 5 people in marketing to track key performance metrics, contributing to a 40% increase in social media visibility.
- **Service Performance Monitoring:** Monitored service performance, optimizing over 30+ KPIs to enhance customer satisfaction and retention.

Member of Technical Staff

July 2022 – Jan 2023

- **POC:** Built a Python-based OCR engine, reducing manual text detection efforts by 50% & improving operational efficiency.
- **Strategic Planning and Documentation:** Leveraged data insights to improve operational efficiency, reducing processing time by 40%.

Intern

June 2022 – July 2022

- Conducted data-labeling to improve OCR engine automation, increasing accuracy by 82.67% & enhancing overall system reliability.

PROJECTS

Improving Efficiency of Machines for Effective Management Of City Waste

Feb 2022

- Analyzed city waste management data to identify inefficiencies, developing a prototype for optimized resource allocation.
- Showcased potential for **scalable implementation, enhancing workforce management** & cost efficiency for effective city wastemanagement.

Database Management System | Payroll Management System, Dallas

Nov 2024

- Engineered a comprehensive Payroll Management System database, streamlining payroll operations and improving data accuracy.
- Developed advanced SQL queries to handle **complex scenarios**, ensuring scalability and robustness in real-world applications.
- Delivered a high-performing, reliable solution that reduced processing time and enhanced system efficiency.

Implementation of data platform to improve operational infrastructure, Dallas

Nov 2024

- Architected scalable ETL workflows, integrating real-time and batch data for predictive modeling and advanced analytics.
- Designed a unified data store supporting **advanced analytics, predictive modeling, and machine learning** use cases, driving actionable insights for healthcare operations.
- Implemented governance controls for data security, quality, and compliance, optimizing storage and computational costs.