

Vikrant Sagar Remoddula

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EDUCATION

The University of Texas at Dallas

Master of Science, Business Analytics

May 2024

GPA: 3.70

Advanced Statistics, Applied Econometrics and Time Series Analysis, Predictive Analytics, Prescriptive Analytics, Causal A/B Testing, Web Analytics

Institute of Aeronautical Engineering, Hyderabad, India

August 2021

Bachelor of Technology, Computer Science and Engineering

GPA: 3.65

Database Management Systems, Data Mining, Design and Analysis of Algorithms

TECHNICAL SKILLS

Certifications: Graduate Certificate in Machine Learning, Google Ads Search Certification, NPTEL Certification in DBMS, Data Structures and Algorithms

Programming: Python, JavaScript, Node.js, C, C++, HTML, CSS, R, SQL, Salesforce

Databases Technologies: Hadoop, MySQL, Oracle, MongoDB, Microsoft SQL Server Management

Tools: Tableau, Power BI, Hadoop, Spark, Axiom

PROFESSIONAL EXPERIENCE

Accenture PLC, Hyderabad, India

Application Development Associate

July 2021-July 2022

- Conducted validation procedures, extracting relevant data from the Bank of America database and populating target tables for data transformation.
- Integrated disparate datasets and generated analytical reports utilizing the AXIOM tool ensuring compliance with regulatory standards. Resulted in significant 45% sales improvement, leveraging data-driven insights for optimized business strategies.
- Collaborated with cross-functional teams, identifying data requirements and actively participated in agile development for timely delivery.

Indian Institute of Technology (BHU), Varanasi, India

July 2020-Aug 2020

Research Intern

- Enhanced functionality of existing data visualization platform for real-time monitoring and analysis of the Water Quality Index.
- Leveraged Random Forest and Gradient Boosting algorithms to create a River Water Quality Analysis and Prediction System with an 81% prediction accuracy, empowering proactive water quality management.

ACADEMIC PROJECTS

Kiva Crowdfunding: Data-Driven Insights for Financial Inclusion

January 2023-May 2023

- Employed Kiva Crowdfunding data and external sources for regional borrower poverty estimation via machine learning.
- Conducted data cleaning, preprocessing, and feature engineering for enhanced data reliability.
- Achieved **75% accuracy** with decision tree and **95.6%** with random forest classifiers to predict Kiva loan repayment success.

Speed Dating Data Analysis and Visualization

September 2022-December 2022

- Analyzed **Speed Dating** data to quantify the impact of social factors on the probability of matching.
- Developed interactive dashboards using **R Studio**, **Quarto** and **Tableau** to visually present the findings.
- Utilized GitHub for version control and collaborative teamwork, ensuring project integrity and cohesion.

LEADERSHIP EXPERIENCE & ORGANIZATIONS

Head of Operations, White Volunteers Foundation

January 2018-January 2019

- Led cross-functional teams, spearheaded impactful campaigns with NGOs, optimized operations using data-driven strategies in **Excel**, and maintained donation tracking **spreadsheets** for success.