

Saumya Anand

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EDUCATION

M.S. in Business Analytics (STEM)

Boston University, Questrom School of Business, Boston, MA

- Awarded Dean's Achievement Scholarship of \$27,000

Expected graduation: August 2024

GPA: 3.46 /4.0

M.S. in Mathematics

National Institute of Technology, Rourkela, Odisha, India

June 2019

GPA: 3.3/4.0

B.S. in Mathematics

University of Delhi, Delhi, India (College Excellence Award 1 out of 10)

May 2017

GPA: 3.7/4.0

RELEVANT WORK EXPERIENCE

Graduate Teaching Assistant (Intro to Python and Deep Learning)

January 2024 - April 2024

Boston University, Questrom School of Business

- Offered Python and data analysis support to **40+** students, providing guidance and communicating written feedback on **60+** assignments to help enhance students' analytical and problem-solving skills

Assistant Manager

March 2021- July 2023

State Bank of India, Delhi-NCR, India (India's largest bank & 45th largest bank in the World by total assets)

- Increased client satisfaction by **20%** by leading a team of 5-6 associates focused on analyzing customer databases to increase clientele by offering financial & investment advice and focusing on foreign exchange and cross-selling
- Reduced branch's non-performing assets (NPA) ratio by **30%** by implementing recovery strategies based on credit & risk analysis of proprietorship firms and medium-sized companies
- Maximized enrollment in insurance products driving a sales surge of **40%**, by analyzing the customer base using MS Excel, and marketing products to the most suitable clientele

Consultant- Subject Matter Expert (Mathematics)

May 2020- March 2021

Six Red Marbles Pvt Ltd, Remote (during COVID)

- Created content for collegiate Math by solving **500K+** problems to provide comprehensive course content

PROJECT WORK

Unlocking Insights: NYC Taxi Trends Before, During, and After The COVID-19 Pandemic

April 2024

Big Data Analytics for Business (BA843)

- Utilized PySpark in Google Cloud to analyze the time series data of New York City taxi ride data from 2019-2022, investigating pandemic-induced changes to suggest measures for betterment

Shoe Survey Snapshot: Uncovering Purchase Patterns

February 2024

Business Experimentation and Causal Methods (BA830)

- Collaborated with a team of **5** to examine the causal problem of consumer behavior and purchasing patterns due to the visibility of brand logos by performing A/B testing and regression analysis

NBA Data Playbook

December 2023

Business Analytics Toolbox (BA775)

- Utilized SQL and Tableau to create a dashboard analyzing NBA game and financial data to communicate sound decision-making practices in team expansion to key stakeholders

Data-Driven Lending: A Study in Risk Management

November 2023

Supervised Machine Learning (BA810)

- Used a **90K**-row Loan default dataset to test predictive machine learning models for improved risk management and lower rates of bad loans by identifying KPIs helping predict the churn rate of borrowers

SKILLS/ CERTIFICATES

Languages: Python, R, SQL, Git, C++

Business Intelligence/ Tools: Tableau, Adobe Analytics, PowerBI, MS Excel, MS Word, MS PowerPoint, Jupyter

Cloud Platforms: Google Cloud (BigQuery)

Machine Learning: Supervised and Unsupervised Learning, Natural Language Processing

Certifications: Python and Statistics for Financial Analysis, IBM Data Analyst Professional, Moody's Analytics Certification in commercial credit, Junior Associate in Indian Institute of Banking & Finance