Saumya Anand

Boston, MA | 617-251-3986 | sanand@bu.edu |www.linkedin.com/in/anandsaumya/ |https://anandsaumya.github.io/

EDUCATION

M.S. in Business Analytics (STEM)   **Expected graduation: August 2024**
Boston University, Questrom School of Business, Boston, MA   *GPA: 3.48/4.0*
  ● *Awarded Dean's Achievement Scholarship of $27,000*
M.S. in Mathematics   June 2019
National Institute of Technology, Rourkela, Odisha, India   *GPA: 3.3/4.0*
B.S. in Mathematics   May 2017
University of Delhi, Delhi, India **(College Excellence Award 1 out of 10)**   *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 policies, 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 and Statistics 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 transportation 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