# Saachi Dholakia

Boston, MA 02119 | +1 (857) 445- 9382 | dholakiasn@gmail.com | Linkedin.com/in/saachi-dholakia | Github.com/SaachiDholakia

## EDUCATION

**M.S. in Business Analytics (STEM)**  Expected: January 2025
*Boston University, Questrom School of Business, Boston, MA*  CGPA: 3.23

**B.S. in Electrical and Telecommunications Engineering with *Distinction***  May 2023
*K.J. Somaiya College of Engineering, Mumbai, India*  CGPA: 3.51

## RELEVANT WORK EXPERIENCE

**Business Analyst Developer Intern,** *MassDot, Boston, MA*  June 2024 – August 2024
- Collaborated with stakeholders to gather, analyze, and document business requirements, ensuring alignment with business expectations and process simplification, using the ServiceNow application.
- Analyzed and presented findings from NHTSA data on Tableau to determine the need for implementing four mirrors on trucks to reduce accidents by 23%.
- Designed comprehensive workflow diagrams and process documentation using Microsoft Visio to upgrade the MassDOT website plugins, which streamlined and improved user experience by 20%.

**Junior Business Analyst,** *Petzzco, Mumbai, India*  June 2022 - November 2022
- Streamlined collaboration between three outsourced teams (technical, creative, and media) and management to prioritize product requirements.
- Revamped social media algorithms using Google Analytics, increasing engagement by 7.25% in 2 months.
- Conducted beta testing on the application and delivered a comprehensive bug report to enhance the app's user experience, which reduced the occurrence of critical issues by 13%.

## PROJECT EXPERIENCE

**Traffic Sign Recognition using Machine Learning and OpenCv**  March 2024 - May 2024
- Explored various CNN models, including a custom model and MobileNetV2 for transfer learning; achieved 97% test accuracy with the custom model and fine-tuned the model using Weights & Biases (wandb.ai).
- Integrated Gradio.io to create an interactive interface, enabling real-time image classification and demonstrating the model's functionality.

**Formula 1 Performance Analytics and Circuit Exploration**  October 2023 - December 2023
- Managed a deep-dive analytics initiative to sanitize 11 diverse F1 datasets totaling 26,000 rows, covering races, team performances, and driver statistics.
- Leveraged GCP, BigQuery, and Tableau for efficient data management and dynamic visualizations, analyzing circuit performance, drivers' speed improvements, and team strategies over the years.

## LEADERSHIP EXPERIENCE

**Founder, DataZen,** Mumbai, India  May 2021 - May 2022
- Founded and chaired DataZen, led a council of six data science enthusiasts, and organized a 24-hour Kaggle hackathon with 600 student participants.
- Organized college events with the Dean, including a global seminar with deeplearning.ai (350+ attendees), and applied data science in a house price analysis project.

## SKILLS

**Programming Languages:** C, Python, R, JavaScript, HTML, MATLAB, MS Excel
**Project Management**: SaaS, Agile, ServiceNow, Microsoft Visio, JIRA, Salesforce
**Analytics Tools:** MySQL, Tableau, Alteryx, Vertex AI, Google Cloud Platform, Big Query, Snowflake, Google Analytics, QlikView, Power BI, A/B Testing