Isha Ghatule

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EDUCATION:

Virginia Polytechnic Institute and State University

MS in Business Administration and Analytics (Ongoing)

Virgnia Polytechnic Institute and State University

BIT Cybersecurity Management and Analytics   CGPA – 3.6/4.0

MPSTME, Mumbai

B.Tech in Computer Science (Data Science)   CGPA – 3.7/4.0

SKILLS:

Python, SQL, SAS, Tableau, Advanced MS Excel, SAS JMP, ML, Power BI, Accounting, Supply Chain Management

PROFESSIONAL EXPERIENCE:

Internship at Zummit Infolabs   **March 2022 – July 2022**

Junior Data Scientist (Remote)   Banglore, Karnatka

Developed sales dashboards using Tableau and Excel, implemented Random Forest Algorithm for machine learning models, and collaborated on creating an application that helps visually impaired citizens recognize currency notes through image detection techniques.

Internship at RedX labs, Mumbai   **May 2022 – July 2022**

Junior Data Analyst (offline)   Mumbai, Maharashtra

During my role at RedX Labs, I developed machine learning models for an NLP software project focused on recording and summarizing business meetings. I successfully implemented Wav2Vec models to enable audio-to-text conversion and completed the first module of the project.

PROJECTS:

Covid- 19 Database analysis   **August 2021**

Developed a comprehensive analysis report and interactive dashboard to visualize Covid-19 data with location-based filtering capabilities. To enhance the project's analytical depth, I implemented linear regression techniques to create a predictive model.

Movie data Analysis and visualization   **November 2022**

Developed a movie analysis system by performing data cleaning and wrangling using PANDAS, NumPy, and seaborn, then created a PowerBI dashboard to visualize parameters essential for a movie recommendation system.

Analysis and prediction of cyber-attacks in USA   **November 2023**

Through data analysis, Identified key parameters and patterns correlated with corporate cyber-attacks, revealing that a company's social standing and financial variables emerged as the most significant predictive factors.

EXTRACURRICULAR:

- Financial Chair Virginia Tech DC- Graduate Student Assembly (2024)
- Founded AlgoRythm – Data Science Club catering to DC area students at Virginia Tech
- Participated in Annual Dashboard competition 2021
- Participated in Data Analytics competition organized by Data Science department of Mukesh Patel School of Technology Management and Engineering
- Student Representative, NMIMS University (August 2020- March 2022)
- Vice President of Relations, Analytika Data Science Club (August 2022-March 2023)
- Rotaract Club of Bombay Airport, Director of international service and professional development
- Social Conclave Global conference, organizing committee (Partnered with United Nations)

CERTIFICATIONS:

- Base SAS and Visual Analytics
- Python Is Easy, Pirple April 2021
- Excel for Data Analysis, Linkedin Learning 2022
- Google Analytics