Shreyash Somvanshi
Aspiring A.I. Engineer & Data Scientist

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EDUCATION

B.E. Artificial Intelligence and Data Science, *Savitribai Phule Pune University* — 2020 – 2024
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati — SGPA: 9.1/10

Honours in Cybersecurity, *Savitribai Phule Pune University* — 2022 – 2024
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati — Grade: B

SKILLS

Programming:	Python, R, Julia, SQL
Tools:	Git, PowerBI, Tableau, LookerStudio, Excel, SAS, KNIME, Orange, LaTeX
Cloud Tech:	Azure, GCP, OCI
Other Skills:	Prompt Engineering, Design Thinking, Problem Solving

PROJECTS

1. SynthCheck: A Synthetic Image Identification using Deep Learning — **Github** | **Demo**
Python — *JUL 2023*

- The models are trained on CIFAKE dataset with 120000 AI generated and real images.
- Models are trained using VGG19, ResNet50, EfficientNetB0, and a custom CNN architecture achieving nearly 89% accuracy.
- Currently working on integrating models with Explainable A.I for more interpretable results.

2. Electric Vehicles Market Segmentation — **Github**
Python, R — *FEB 2023*

- Pre-processed the dataset by cleaning and handling null values.
- Used Unsupervised learning techniques like clustering to extract important features from dataset.
- Plotted insightful visualizations depicting the trends in sales of EV's.

3. Sentiment Analysis using NLP — **Github** | **Demo**
Python — *NOV 2022*

- Built a simple model to classify the sentiments of text as Positive or Negative with 88% accuracy.
- Used various libraries and techniques like nltk, tokenizer, stemming, lemmatization and trained with SVC.
- Deployed it on web using Streamlit.

TECHNICAL EXPERIENCE

A.I. & Machine Learning GDSC Volunteer — **AUG 2023 – PRESENT**
GDSC, VPKBIET-Baramati — *Baramati*

- Collaboratively taking initiatives in projects to democratize cutting-edge technology within the student community.
- Empowering fellow students through dynamic AI and ML engagement as a GDSC volunteer, fostering a culture of innovation and exploration in the realm of A.I.

Machine Learning Intern — **DEC 2022 – FEB 2023**
Feynn Labs — *Remote*

- Led a team of 4 members for successful completion of assigned project.
- Worked on real world problems including some case studies and Market Segmentation of Electric Vehicles.
- Plotted clear and attractive visualizations, created insightful documentations and reports.
- Gained experience in working with Unsupervised Learning algorithms and state-of-the-art ML frameworks.

ACHIEVEMENTS

- Contributed to Open Source project of Amplication by fixing their bug. — Issue
- Oracle Cloud Infrastructure 2023 Certified Data Science Professional — View
- Won 1st Prize in Data Science Bootcamp organized by Students Association of AI (SAAI), VPKBIET — View
- Learned various Programming Skills through courses and got Certified. — View Certifications