

Shreepad R Chavan

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SKILLS

- **Programming Skills:** Python, Machine Learning, Statistical Analysis, Matplotlib, Seaborn in Python
- **Visualization Tools :** PowerBi, Tabaleu
- **Databases:** MySQL, MongoDB, PostgreSQL

EDUCATION

Bachelor of Engineering (CSE in Ai&ML)
Vishwaniketan college of Engineering, imeet

August 2020 - May 2024
CGPA 7.8/10

Class 12th - HSC
KBP college higher secondary school

May 2019 – May 2020
Percentage - 61%

Class 10th - SSC
Sai holi Faith English medium school

May 2017 – May 2018
Percentage 78%

CERTIFICATIONS

Certification in Data Science and Analytics **ETLHIVE, Vashi**

Acquired expertise in SQL, Python programming, data visualization (Tableau, Power BI), and data analytics, Machine Learning, Deep Learning focusing on practical implementation of data-driven solutions.

PROJECTS

Generative AI-Powered PDF Chatbot

- Developed a chatbot using Generative AI to allow users to upload PDFs and engage in interactive conversations for content extraction, summarization, and query resolution.
- Enhanced workflows in research, e-learning, and document analysis.

Air Quality Index (AQI) Analysis

- Analyzed air quality data to assess pollution levels and trends.
- Cleaned and processed datasets, computed AQI metrics, and conducted exploratory data analysis (EDA) to identify seasonal variations and patterns in air quality.

Credit Scoring & Customer Segmentation

- Built a data-driven solution to assess credit risk and segment customers based on financial behavior.
- Utilized Python for preprocessing, statistical modeling, and clustering algorithms to evaluate creditworthiness and create actionable customer segments for risk management and marketing strategies.

Mental Health Therapy Chatbot (Aug 2023 - Mar 2024)

- Developed an NLP-based chatbot for personalized mental health support, utilizing deep learning for real-time sentiment analysis.
- Provided coping strategies, assessed emotional states, and ensured secure and confidential user interactions.

ACHIEVEMENTS.

- **Published manuscript** titled "Mindwell: A Psychological Guide for Well-being" in the Journal of Artificial Intelligence Research & Advances, 2024 [Manuscript Preview](#)
- **First runner up** in inter college project exhibition for the project 'Hand Gesture Recognition using OpenCV'