SNEHA SHINDE

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Karad,Satara,Maharastra

DATA SCIENTIST

Aspiring Data Scientist, I am eager to apply mathematical rigor and technical proficiency to solve complex business problems and drive innovation through data. I bring a deep understanding of statistical analysis, problem-solving, and data-driven modeling. Proficient in Python, SQL, and data visualization tools, with hands-on experience in machine learning, deep learning, NLP, and cutting-edge technologies like Generative AI and Computer Vision.

TECHNICAL STACK

Data Science/Machine Learning/Deep Learning:
Python, Data Visualization, Supervised Learning Algorithms, Unsupervised Learning Algorithms, NLP, EDA, Feature Engineering, Feature selection & Extraction, Computer Vision, Gen AI

Programming Languages: Python, SQL

Python Packages: Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow/Keras, Plotly

Data Visualization: PowerBi

Databases: MySQL, Microsoft SQL Server

PROFESSIONAL EXPERIENCE

Machine Learning and Data Science Internship: Feynn Labs **Feb 2025 – Apr 2025**

- Leveraged EDA, clustering, and machine learning techniques to extract insights, build predictive models, and deploy data-driven solutions that enhance business decision-making.

Data Scientist Internship: Internship Studio **Dec 2024 – Jan 2025**

- Designed and implemented end-to-end machine learning solutions—including data preprocessing, EDA, and modeling—to drive business impact and streamline workflows in an agile environment.

PROJECTS

Loan Approval Prediction System- **Mar 2025 – Apr 2025**

- Developed an end-to-end Loan Prediction web application using Python, Streamlit, and scikit-learn.
- Deployed an interactive and user-friendly interface allowing real-time predictions based on user input, simulating a real-world financial application

Market Segmentation Analysis of Electric Vehicles market- **Feb 2025 – Mar 2025**

- Conducted exploratory data analysis on consumer behavior data using pandas and seaborn to identify key trends influencing EV purchases, such as income, age, and profession.
- Applied K-Means clustering on standardized features to segment customers into distinct groups, supporting targeted marketing strategies in the EV sector.

Predict The Class Of User From Trip History– Data Science **Dec 2024 – Jan 2025**

- Built a machine learning model to classify users based on trip history with 96% accuracy.
- Preprocessed large-scale trip data, utilized clustering and segmentation techniques, and visualized user behavior patterns to derive actionable insights.
- Utilized Python libraries like Pandas and Scikit-learn to achieve accurate user classification, significantly improving prediction reliability.

YouTube Video Summarization – NLP **Nov 2024 – Dec 2024**

- Built a NLP model to summarize YouTube videos by using Hugging Face transformers to process and analyze video transcripts.
- Leveraged transformer models to identify and extract important content from video transcripts, generating accurate and concise summaries.
- Utilized Python, Hugging Face Transformers, and NLP libraries to efficiently summarize video content

EDUCATION & CERTIFICATIONS

MSC (Mathematics): 2022 – 2024

Sadguru Gadage Maharaj College, Karad: CGPA- 9.63

BSC (Mathematics): 2019 – 2022

Sadguru Gadage Maharaj College, Karad: CGPA- 9.32

HSC :

Sadguru Gadage Maharaj College, Karad: Percentage - 66.46%

Data Science Certificate: Midas Computer Institute, Karad

Data Associate Certificate: Symbiosis International University, Pune

LANGUAGES– English, Marathi, Hindi

SOFT SKILLS–Problem-solving, Analytical thinking, Strong communication,Teamwork and collaboration