SANDESH PARGAONKAR

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PROFESSIONAL SUMMARY

Highly skilled and motivated Data Scientist with a track record of delivering successful data-driven solutions. Proficient in Python with expertise in machine learning algorithms and frameworks.

SKILLS

- Programming: Python, SQL, HTML, CSS
- Libraries and Framework: TensorFlow, LangChain, Keras, Pandas, NumPy, Sci-kit learn, Matplotlib, NLTK, PowerBI, Excel
- Cloud Services & CI/CD: AWS (EC2, S3, IAM, ECR), Microsoft Azure, Docker, GitHub Actions, Flask, DVC

PROJECTS

EMOTION TEXT CLASSIFICATION (Link)

- **Preprocessing:** Applied extensive Natural Language Processing techniques for Stop word Removal, Punctuation Removal, lowercase text using Regex and genism library
- **High Accuracy Model:** Built the XGBoost model to get average evaluation of 88.5 recall, 86.3 f1-score and 90% accuracy.

FASHION RECOMMENDER SYSTEM (Link)

- Built a Fashion Recommender System using image embeddings and a Nearest Neighbors algorithm.
- Employed the ResNet50 model to implement robust feature extraction, enhancing the system's ability to capture intricate visual details and patterns in fashion images.
- Created an interactive web interface using Streamlit for user-friendly image upload and recommendation display.

HEALTH INSURANCE CHARGES PREDICTION (Link)

- Developed a predictive model to estimate health insurance charges for patients by leveraging key variables including 'bmi,' 'smoker' status, and 'region'.
- Implemented a user-friendly web application using Streamlit, enhancing accessibility and usability for a wide range of users.
- Employed data preprocessing and feature engineering to enhance model performance and achieve reliable predictions.

EDUCATION

SANJAY GHODAWAT UNIVERSITY   Kolhapur, MH
B. Tech in Artificial Intelligence & Machine Learning   January 2020 - July 2024
Relevant Coursework: Machine Learning, Probability & Statistics, Linear Algebra, Calculus (1,2,3), DBMS, NLP, CV

WORK EXPERIENCE

Zep Analytics   Remote
Data Science Intern   December 2023 – Present

YoShops.com   Chennai (Remote)
Data Science Intern   January 2023 – March 2023

- Collaborated cross-functionally to extract, clean, and analyze data, uncovering actionable insights through a synergistic approach.
- Harnessed the power of Python and advanced statistical methods to unveil valuable trends, empowering strategic decision-making with data-driven precision.
- Applied cutting-edge predictive modeling and machine learning techniques to optimize inventory management, resulting in enhanced operational efficiency and strategic resource allocation.

CERTIFICATIONS

Complete Python Bootcamp 2021 | Udemy | (Link) | SQL Bootcamp | Udemy | (Link)