HARIPRASAD REDDY P

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SUMMARY

Enthusiastic Data science and MLOP's professional having 1.3 years of expertise in leveraging machine learning algorithms and statistical techniques. Skilled in exploratory data analysis, predictive modelling, and optimizing models for scalability. Proficient in Python and SQL for data manipulation and visualization and good at Cloud Computing.

SKILLS

Python, Machine Learning, Data Science, MySQL, MicrosoftAzure, Streamlit, Excel, PowerBi, GIT, Github, C, C++, Flask, Data Analytics, EDA, NLP, Deep Learning, MLOP's, CI/CD pipeline

Tools/Packages : Scikit-Learn, NumPy, Pandas, NLTK, Matplotlib, Jupyter Notebook

EXPERIENCE

Innover Digital Pvt Ltd   Apr 2022 – Jul 2023
Associate Developer

- Conducted comprehensive Exploratory Data Analysis (EDA) utilizing regression, classification, and clustering methods to identify patterns, trends, and outliers in the data.
- Built multiple predictive models that effectively solved complex business problems utilizing Pandas, Numpy, and Scikit-learn libraries, resulting in a 50% increase in accuracy compared to previous models.
- Streamlined data processing workflows through the creation of custom pre-processing scripts that effectively handled outliers and imbalanced datasets, thus improving model performance and reducing the time by 35%.
- Orchestrated and monitored end-to-end machine learning pipelines using MLOP's.
- Implemented Azure ML pipelines to automate the end-to-end machine learning workflow, accelerating data preparation, model training, and online deployment, thus reducing development time by 50%.
- Created interactive user interfaces using the Streamlit framework to simplify complex data visualizations for non-technical audiences, resulting in 20% more informed strategic business decisions.

EDUCATION

Nitte Meenakshi Institute Of Technology   Aug 2018 – Aug 2022
B.E. in Computer Science   *CGPA: 7.92*

Nandi PU College   May 2017 – Mar 2018
Stream : PCMC   *Percentage: 93%*

PROJECTS

TxtAi : A Semantic Search Model: | *Python, ML, Streamlit, NLP, Git, AzureML*
- Developed a NLP semantic search model utilizing Python and Streamlit, which predicts similar sentences within uploaded PDFs
- Integrated NLTK libraries for data cleaning process, used Streamlit for UI development and developed a semantic modelI

Bengaluru House Prices Prediction: | *Python, ML, Pandas, Git, MatplotlIb, Flask, Microsoft Azure*
- Designed and constructed a machine learning model using linear regression to predict property prices of houses in Bengaluru
- Utilized Azure ML Pipelines to streamline the complete machine learning lifecycle from data ingestion and preprocessing to modeltraining and evaluation.

Application Tracking System Using Gemini Pro: | *LLM, Python, Streamlit, Git, Google's Gemini Pro*
- The ATS Streamlit Application integrates Google's Gemini Pro model to streamline resume evaluation. Users input job descriptions and upload resumes in PDF format, receiving detailed insights or percentage matches.
- Github Link: https://github.com/Hari-in-github/ATS-Using-Gemini-Pro/tree/main