

SHAIK ASHA

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EXPERIENCE: Internships

Machine Learning Model Development and Deployment Internship Project under Google AI/ML Developer Program

- Edu Skills March 2024

- Built and trained supervised and unsupervised machine learning models using real-world datasets.
- Used Scikit-learn, Pandas, NumPy, and Matplotlib for data processing, model development, and result visualization.
- Completed the full ML pipeline: data preprocessing, model training, testing, tuning, and evaluation.
- Implemented algorithms like Linear Regression, Decision Trees, KNN, K-Means Clustering, and Naive Bayes.
- Evaluated models using accuracy, precision, recall, F1-score, and confusion matrix, enhancing prediction accuracy.

Projects

YouTube Spam Comments Detection Using Cascaded Ensemble Machine Learning Model Academic Project

- Developed an intelligent system to detect and filter spam comments on YouTube using a Cascaded Ensemble Machine Learning Model.
 - Applied a combination of ensemble techniques such as Random Forest, XG Boost, and AdaBoost to improve classification accuracy and reduce false positives.
 - Preprocessed user comment data using Natural Language Processing (NLP) techniques including tokenization, stop-word removal, stemming, and TF-IDF vectorization.
 - Evaluated the model using performance metrics such as accuracy, precision, recall, and F1-score, achieving higher reliability over traditional models.
- Designed the frontend using HTML, CSS, and JavaScript, with the backend implemented using Python and Django ORM for seamless integration and deployment.

EDUCATION

Degree	Specialization	Institute	Year	CPI
B. Tech	Computer Science & Engineering	JNTUK	2024	7.45
MPC BIEAP	Physics, Chemistry, & Mathematics	Vikas Junior College	2020	7.4
SSC STATE	-	ZPP High School	2018	9.2

ADDITIONAL

Programming Languages: Python(oops) , AI & ML(supervised, unsupervised , reinforcement)

Development Frameworks: Matplotlib, Pandas, NumPy

Databases: SQL