Sneha Gunari

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"Civil engineer turned data enthusiast with proficiency in Python, machine learning, and MySQL. Ready to leverage engineering expertise and data science skills to drive insights and tackle analytical challenges."

Profiles

SnehaGunari linkedin
snehagunari Github

software

Excel

Tableau

Jupyter notebook

MySQL

Skills

Machine Learning

Data Visualization

Matplotlib, Seaborn, Plotly

Feature Engineering

Statistical Analysis

Data Analysis

Problem-Solving

Communication

Programming

Python

sql

Certifications

Data Science
ExcelR Solutions
December 2023

Data Analytics LIVE project
Trainity

Tata Data Visualization: Empowering Business with Effective Insights Completion Certificate

Professional Experience

Ai Variant **September to present**
Data Science Intern Pune

AI Variant pioneers innovative AI solutions, leveraging cutting-edge technologies to drive data-driven transformations.

- Developed innovative solutions like a Book Recommendation System and Bankruptcy Prevention model, employing advanced machine learning techniques for actionable insights.
- Utilized Python, NumPy, Pandas, Scikit-learn, TensorFlow, and Keras for data manipulation, modeling, and deep learning tasks.
- Leveraged diverse datasets to extract valuable insights and drive impactful decision-making processes.

Internship Projects

Recommendation System

- Designed and deployed a personalized Book Recommendation System using collaborative filtering techniques, achieving industry-leading performance with an RMSE of 1.49.
- Employed Python and Scikit-learn for comprehensive data pre-processing, model training, and evaluation, ensuring robustness and accuracy.
- Leveraged user-item interaction data to generate precise recommendations, resulting in enhanced user engagement and satisfaction.

Bankruptcy Prevention

- Conducted a classification project using Python, leveraging logistic regression and random forest algorithms to predict business bankruptcy likelihood based on key features, achieving an 85% accuracy rate.
- Implemented end-to-end deployment of the model's results via Flask, ensuring stakeholders' accessibility and usability for informed, real-time decision-making processes.

Education

R V College of Engineering **2019 - 2023**
Civil Engineering