UDAY KIRAN

Janga Reddy Gudem, Andhra Pradesh

📞 +91-9912634239 ✉ chebroleuday@gmail.com 🔗 Linkedin ⭘ Github

EDUCATION

Lovely Professional University, Phagwara   **2020 − 2024**
B.Tech - Computer Science and Engineering - Data Science   *Phagwara, Punjab*

COURSEWORK / SKILLS

- Python
- HTML
- Machine Learning
- DBMS
- SQL
- CSS
- Deep Learning

EXPERIENCE

Intern at UpGrad Campus ⬈   **January 2024 - March 2024**
Role - Data Science   *Phagwara, Punjab*

- Learned and Implemented **Deep Learning, Neural Networks, Transfer Learning, Model Training.**
- Worked on project called **Semantic Segmentation of Satellite Images with UNet Model**.
- Implemented training and hyperparameter tuning on the model for optimal results.
- Deployed a User-friendly portal to evaluate and test the model.

PROJECTS

Semantic Segmentation of Satellite Images ⬈ | Python, Deep Learning, Oops Concepts, Streamlit **2024**

- Built a UNet model utilizing an encoder-decoder architecture to perform pixel-wise segmentation on image datasets, improving the precision of object detection.
- Trained the model on a large annotated dataset, fine-tuned hyperparameters, and used optimization techniques like Adam optimizer and learning rate scheduling to achieve high accuracy and efficient segmentation.
- Evaluated the model using metrics such as IoU (Intersection over Union) and pixel accuracy, achieving state-of-the-art results. Deployed the model for real-time segmentation tasks.

Fake News Classification ⬈ | Python, Machine Learning, Natural Learning Processing   **2023**

- Imported a dataset from Kaggle with data on news articles collected from various sources.
- Filtered the Data and cleaned it and done Variate Analysis.
- Used Logistic Regression, Vectorization and Random Forest classification methods to predict whether the news is genuine or fake.

Data Analysis on House Rent Prediction ⬈ | Python, Data Visualisation, Machine Learning   **2022-23**

- Imported a dataset from Kaggle with data on house rent from top cities.
- Filtered the Data and cleaned it and done Variate Analysis.
- Utilized Seaborn and matplotlib to create visually graphs and charts analyzing data.

TECHNICAL SKILLS

Languages: Python, SQL
Technologies/Frameworks: HTML5, CSS3
Developer Tools: VS Code, Jupyter, Canva
Visualisation Tools: Excel, Tableau

CERTIFICATIONS

- Python Programming - Codetantra
- IBM Cloud Essentials - edX

ACHIEVEMENTS

- 3 Star Rating in Python on HackerRank Platform.
- 2 Star Rating in SQL on HackerRank Platform.