Durgadatta Mishra

Computer Science Engineering

My Contact

durgadattam21@gmail.com

+91 6372934364

Pune, Maharashtra

Linkedin : Linkedin

Git hub : GitHub

Technical Skill

- Programming Languages: Python, Core Java, SQL
- Frontend Technology: HTML, CSS, Java script.
- Backend Technology: Django, Flask
- Libraries & Frameworks : React, Pandas, NumPy, Scikit-learn, TensorFlow, Keras
- Data Visualization: Matplotlib, Seaborn, Power BI
- Statistical Analysis: Hypothesis Testing, Regression Analysis
- Machine Learning: Data gathering, Data cleaning, EDA, Feature engineering, Feature selection & Extraction, Supervised Learning, Unsupervised Learning algos, Model Evaluation
- Deep Learning: Neural Networks, Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN)
- Natural Language Processing (NLP)
- IT Constructs : Database Management System, Data Structure, Artificial Intelligence
- Version Control: Visual Studio, Jupiter Notebook, Git, GitHub

Education

- ***2019-2023(BPUT)***
  Hitech College of Engineering, Bhubaneswar, Odisha
  Bachelor of Technology in Computer Science
- ***+2 Science, 2019 (CHSE)***
  Bhagya H S Schoolof Science and Technology, Bhubaneswar, Odisha
- **10th Schooling, 2017 (BSE)**
  Kabi Ananta Vidyapitha, Bhakuda, Jajpur, Odisha

Soft Skills

Leadership , Teamwork, Time management, Quick Learner

Project work

1. Movie Recommender System
   - This is a content-based movie recommender system which trained on a dataset containing 5000 movies, This is an end-to-end machine learning project with a Flask web application, which recommends the movies using cosine similarity.
   - Library used : Numpy, Pandas,Sk-Learn, NLTK, Flask

Source Code

2.Image Classification with Convolutional Neural Networks
   - Implemented a deep learning model using TensorFlow and Keras to classify images into different categories.
   - Trained the model on a dataset of image classification (CIFAR-10) and achieved a classification accuracy of over 80%.
   - Explored techniques includingdata augmentation and transfer learning with the VGG19 architecture to enhance model performance and generalization.

Source Code

3. Data Analysis with Titanic dataset.
   - Data Analysis on Titanic dataset Performed data selection, data manipulation, data cleaning, and data visualization. Identifying how many people survived the disaster.

Source Code

4. Data Analysis with CO2 Emission.

Source code

Professional Experience

Data Science Intern Aug 2023 - Feb 2024

High Catch Private Limited, Pune, Maharashtra | 6-month duration

1. Applied data science techniques to analyze large datasets and extract meaningful insights to support business decisions.
2. Utilized Python and libraries such as Pandas, NumPy, and Scikit-learn to preprocess data, build predictive models, and evaluate their performance.
3. Assisted in the development of a recommendation system to personalize user experiences and improve customer engagement.
4. Conducted exploratory data analysis (EDA) to identify trends, patterns, and outliers, contributing to the development of actionable strategies.
5. Documented and communicated analysis methodologies, results, and recommendations effectively to both technical and non-technical audiences.

Certified Courses

1. **Python Cource** with **GUVI**: GUVI
2. **DataScience course** with **StarAgile**: StarAgile Jul 2023 - Feb 2024