DHANANJAY KUMAR

◇ dhananjay.vercel.app ◇ dhananjay45423@gmail.com ◇ linkedin/dhananjay45423 ◇ 9625285470

PROFILE

I am Drupal Developer with 1.5 year of experience in developing custom modules and themes in Drupal 8/9/10. Proficient in extracting actionable insights from large datasets using Machine Learning techniques and statistical modeling. I am enthusiastically grabbing onto different Technologies and Frameworks related to Data Science And Machine learning that I can solve the complex Business problems.

EDUCATION

Year	Degree	Department	Institute	Grades
2021	B.Tech	Computer Science Engineering	Ramgarh Engineering College, Ramgarh	8.06 / 10

PROJECTS

Classification of Happy and Sad Images *[September, 2023]*

- Designed Convolutional Neural Network predict the Happy and Sad Images.
- Used Adam as the optimizer, BinaryCrossentropy as the loss function, and accuracy as the evaluation metric.
- https://dhananjay.vercel.app/project/classify-happy-sad-images
- Tech-Stack: - Python, Keras, Tensorflow, Keras Utils Datasets.

Diamond Price Prediction Using Regression Algorithm *[August, 2023]*

- The dataset contains 10 features the task is to predict the price of Diamonds using different regression algorithms.
- Define a Numerical pipeline for automated handling of the missing values using median and standardization.
- Define a Categorical pipeline for handling the missing value, OrdinalEncoding for converting the categorical values into numerical values.
- Evaluate and calculate R2_score, RMSE, and MAE of each models.
- https://dhananjay.vercel.app/project/diamond-price-prediction
- Tech-Stack: - Python, Pandas, Numpy, Scikit-learn

Ridge Regression with SGD *[June, 2023]*

- Implementing Ridge Regression using Gradient Descent and Stochastic Gradient Descent.
- Done Feature Normalization and computing square loss using Square Loss Gradient.
- Reducing Loss with Gradient Descent and Stochastic Gradient Descent using Hyper-parameter tuning.
- https://dhananjay.vercel.app/project/ridge-regression-with-sgd
- Tech-Stack: - Python, Pandas, Numpy, Matplotlib.

Face Expression Recognition using CNN *[July, 2021]*

- Designed CNN to recognition of 7 most basic human expression: ANGER, DISGUST, FEAR, HAPPY, NEUTRAL, SAD, and SURPRISE.
- Create 4 convolution layers and 2 fully connected layers to predict 7 types of face expressions.
- Use Adam as the optimizer, categorical cross-entropy as the loss function, and accuracy as the evaluation metric.
- https://dhananjay.vercel.app/project/facial-expression-recognition
- Tech-Stack :- Python, Numpy, Seaborn, Tensorflow, Keras

SKILLS

Programming Skills:	C++, Python, SQL, Data Structures, Object Oriented Programming
Domain:	DataBase, Data Science, Machine Learning, Deep Learning, Statistics
Software Tools:	Jupyter Notebook, VS-Code, Spyder
Library/Framework:	Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Pytorch

CERTIFICATIONS

- Python for Data Science (NPTEL, IIT Madras) *[Jan'20 – Mar'20]*
- Introduction to Machine Learning (NPTEL IIT Madras) *[Jan'20 – Apr'20]*
- Neural Networks and Deep Learning (Coursera) [*Jun'20]*

WORK EXPERIENCE

Techchefz Digital Pvt. Ltd *DELHI*
Drupal Developer *[Jun'22 - Present]*

- Assist with Drupal custom module and custom theme development and content management functionality.
- Provide custom development theming and functionality for Drupal multi-site application.
- Providing technical support and maintenance for existing Drupal Websites.
- Customize Drupal configuration and settings to meet specific project requirements like.