Mrinal Yadav

mrinalyadav2001@gmail.com
+91 6388317398
Ghaziabad, Kharagpur

EDUCATION

B.Tech (Hons.), Naval Architecture & Ocean Engineering

Indian Institute Of Technology Kharagpur

2018 - 2022

CGPA: 7.45/10

INTERNSHIPS

Machine Learning

Numo Uno, Virtual

Apr 2020 - May 2020

1) Analyzed data and using automated models to scrape data.
2) Implemented new models and refining the text search for better efficiency
3) Created a suggestion model based on Neural Language Processing
4) Devised a model to score CV .

POSITIONS OF RESPONSIBILITY

Served as the Football Secretary for Radhakrishnan Hall of Residence, IIT Kharagpur for the academic session 2019-2020. Managed a budget of INR 36000 to fulfill the requirements of the team .

PROJECTS

Detection-of-fake-news

Apr 2020 - May 2020

https://github.com/mrinalyadav7-atom/Detection-of-fake-news

This python project of detecting fake news deals with fake and real news. Using sklearn, we build a TfidfVectorizer on our dataset. Then, we initialize a PassiveAggressive Classifier and fit the model.

Loan-prediction

Apr 2020 - May 2020

https://github.com/mrinalyadav7-atom/Loan-prediction

To automate the loan eligibility process (real time) based on customer information So the final thing is to identify the factors/ customer segments that are eligible for taking loan.

Web-scrapping

May 2020 - May 2020

https://github.com/mrinalyadav7-atom/Web-scrapping

EXTRACTING INFORMATION REGARDING SOME OF THE MOVIES FROM THE SITE OF IMDB USING WEB SCRAPPING

Machine-Translation

Apr 2020 - May 2020

https://github.com/mrinalyadav7-atom/Machine-Translation

The objective of this project is to convert a German sentence to its English counterpart using a Neural Machine Translation (NMT) system. We will implement

this task by building a simple Sequence-to-Sequence model with the help of Keras.

Iris-classification

Mar 2020 - Apr 2020

https://github.com/mrinalyadav7-atom/Iris-classification

Create the model that can classify the different species of the Iris flower

Predicting CLV

Jan 2020 - Mar 2020

https://github.com/mrinalyadav7-atom

Predicting the customer lifetime value of a company using Random Forest machine learning algorithm achieving RMSE score 3523.17 and MAPE 9.67.

Titanic :ML from disaster KAGGLE

Mar 2020 - Mar 2020

https://www.kaggle.com/mrinalyadav

Use machine learning to create a model that predicts which passengers survived the Titanic shipwreck.

Virality of news

Mar 2020 - Mar 2020

https://github.com/mrinalyadav7-atom/Virality-of-news

Predicting the virality of news using NLP

Text search and extraction of keywords

Apr 2020 - Present

https://github.com/mrinalyadav7-atom/Text-search-task

Text search on a huge amount of single-page PDFs in order to rank them on their relevance with the keywords provided as input to the user

SKILLS

Python

Intermediate

C++ Programming

Intermediate

Data Analytics

Intermediate

Deep Learning

Intermediate

OpenCV

Beginner

Machine Learning

Advanced

SolidWorks

Intermediate

Computer Vision

Beginner

Natural Language Processing (NLP)

Advanced

WORK SAMPLES

GitHub profile

https://github.com/mrinalyadav7-atom

Other portfolio link

https://www.linkedin.com/in/mrinal-yadav-090195191