

ABHISHEK AGARWAL

DATA ANALYST AND DATA SCIENTIST

PERSONAL PROFILE

I am a young, determined hard and smart working person. I believe in taskbased roles and complete ownership of work.

Portfolio Website : <https://aagarwal937.github.io/GRAPHIC-RESUME-BLACK>

WORK EXPERIENCE

>> Worked as an intern in **ORANGUS**. DURATION = 6 months

>> Worked as ML Engineer and online instructor for **Intellicial Innovations**. DURATION = 8 months

>> Worked as a Data Scientist/Analyst in **DeepBrainz**. DURATION = 8 months

>> Working as a Data Science Educator in **CodeTechniq**.

>> Working as a Data Science Educator in **SKILLATHON**.

>> Working as a Software Developer for **Promax Legal Solution Pvt.Ltd**

ACCOMPLISHMENTS

>> National Level TableTennis Player

>> Cleared TCS CodeVita with AIR-228

CONTACT ME

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GitHub: - <https://github.com/aagarwal937?tab=repositories>

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PROJECTS

Exploring the Deadliness of Terrorist Attacks

<https://github.com/aagarwal937/exploring--deadlines-of-terrorist-attack>

This study used interpretable classification models to identify patterns of terrorist attacks, according to known characteristics derived from historical data. A For this purpose, we used the Global Terrorism Database (GTD) , which is an open-source database on terrorist attacks around the world from 1970 to 2016. It contains data on more than 170,000 domestic and international terrorist incidents, including dozens of features on location, tactics, perpetrators, targets, and outcomes of the events..

COVID-19 PREDICTION MODEL

<https://github.com/aagarwal937/MC-Doanalds>

Among the standard models for COVID-19 global pandemic predictionBased on the results reported here, and due to the highly complex nature of the COVID-19 outbreak and variation in its behavior from nation-to-nation, this study suggests machine learning as an effective tool to model the outbreak

SKILLS

>> JUPYTER NOTEBOOK

>> PYTHON

>> MACHINE LEARNING

>> ANN

>> CNN

>> TENSORFLOW

>> PYTORCH

>> NLP

>> DEEP LEARNING

>> DATA VISUALIZATION

>> LINUX (UBUNTU, DEBIAN AND ARCH)

STREAMLIT APPLICATION FOR AUTOML WORKFLOW

<https://github.com/aagarwal937/steamlit-ml-automated-algorithms>

complete deployment of the iris, breast cancer, and wine quality dataset for visualization using the KNN, SVM, and random forest algorithms from Machine Learning using STREAMLIT.

In this application, you can compare the accuracy of the above three algorithms on the same dataset and can decide which is best and you can somewhat calculate the parameters also to see the change in accuracy while the parameters are changed.

TEXT SUMMARIZER

https://github.com/aagarwal937/Text_Summarizer

With our busy schedule, we prefer to read the summary of those articles before we decide to jump in for reading the entire article. Reading a summary helps us to identify the interest area, gives a brief context of the story

PNEUMONIA DETECTION USING TRANSFER LEARNING

https://github.com/aagarwal937/Pneumonia_Detection_Using_-_Transfer_Learning

The dataset consists of training data, validation data, and testing data. The training data consists of 5,216 chest x-ray images with 3,875 images shown to have pneumonia and 1,341 images shown to be normal. The validation data is relatively small with only 16 images with 8 cases of pneumonia and 8 normal cases.

COVID-19-TWEETS-ANALYSIS

<https://github.com/aagarwal937/COVID-19-Tweets-Analysis>

This project reveals that related tweets failed to guide people on COVID-19 pandemic. This project analyzes two types of tweets gathered during the pandemic times. The research demonstrates that no useful words are found in WordCloud or word frequency in tweets. Claims are validated by a proposed deep learning classifier model yielding accuracy up to 81%.•A designed Gaussian membership based fuzzy rule base correctly identifies sentiments from tweets

FINANCE APP USING LSTM NETWORK

<https://github.com/aagarwal937/Finance-App>

This is a simple finance app that can be used to keep track of the stock market when there is no availability of internet. just simply open your terminal and run the app in the python IDE and run the app in your local machine. it will give you the current status of the stocks of the company that you want to search and many more features.

HEART-DISEASE-SYMTOMS

<https://github.com/aagarwal937/Heart-Disease-Symtoms>

Heart disease is one of the biggest causes of morbidity and mortality among the population of the world. Prediction of cardiovascular disease is regarded as one of the most important subjects in the section of clinical data analysis. The amount of data in the healthcare industry is huge. Data mining turns the large collection of raw healthcare data into information that can help to make informed decisions and predictions.