AADITYA SINGHAL

ML Enthusiast, Student

Enthusiastic and Responsible Student . Love to Explore and Learn new tech everyday.

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SKILLS

Python | C++ | C | HTML | CSS | Machine Learning | Flask | OpenCV | Problem Solving | Firebase | Pandas | Jupyter Notebook | Git | Numpy | Matplotlib | Vs Code

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

EDUCATION

Computer Science and Engineering
Seth Jai Parkash Mukand Lal Institute Of Engineering And Technology

2019 - 2023 *Radaur*

Higher Secondary Education
Aggarsain Public School

2018 - 2019 *Kurukshetra, Percentage-83.4%*

Courses

- Non-Medical

Metric
Aggarsain Public School

2016 - 2017 *Kurukshetra, CGPA-8.8*

PROJECTS

Facial Expression Prediction (12/2020 - 12/2020)

- This is a jupyter notebook for recognizing live facial expressions using ***Tensorflow*** and ***OpenCV***. Firstly Tensorflow is used to train the model. After that prediction is done using OpenCV.
- **Github Link** - Aaditya1978/Face_Expression_Prediction: This is a jupyter notebook for recognizing live facial expressions (github.com)

ML Automator (08/2020 - Present)

- A Web App which provided Feature Engineering Tools, **Exploratory Data Analysis,** Machine learning **model building** and training in a very easy and automated way. It was built using **Streamlit module.**
- **Link of Web App** - Streamlit (ml-automator.herokuapp.com)

Webapp For Farmers (08/2020 - Present)

- This website is designed for farmers with multi-lingual options. Features of our website are :
- To check weather conditions, Portal to apply for loan and insurance policies. Facility to buy or sell products. Predict the crop and seed diseases.
- Built using - **Django, Flask, HTML, CSS, JS. Machine Learning, Deep Learning, Firebase.**
- **Github Link -** abhaydhiman/farm_app (github.com)

COVID-19 Sentiment Analysis (06/2020 - 07/2020)

- A web app for analysis of people's sentiments during lockdown in India . It provided proper sentiments analysis of peoples during lockdown with having relevant graphs, tables, and plots all of this is further compiled into a attractive user interactive web app. Not just stuck with only one kind of plot rather we provided different plots for some data.
- **Github Link -** SmartPracticeschool/Covis (github.com)

IPL Data Analysis (2008-2019) (07/2020 - 07/2020)

- Done **Feature Engineering** to extract valuable information from data.
- For making the plots in the notebook we used **plotly.**
- The notebook is well organised and there is proper commenting so anyone can take a look at that and understand the analysis we made on the IPL dataset.
- **Github Link of jupyter notebook -** Ayush-Malik/Ipl_analysis (github.com)

HACKATHONS

IBM Hack Challenge 2020 (06/2020 - 07/2020)

A web app for analysis of people's sentiments during lockdown in India . It provided proper sentiments analysis of peoples during lockdown with having relevant graphs, tables, and plots . It was built using Flask, HTML, CSS, JS And for data training and analysis Machine Learning was used. For showing the plots and graphs Plotly was used.