

DEEP GANDHI

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EDUCATION

Dwarkadas J Sanghvi College of Engineering (University of Mumbai)
B.E. in Computer Engineering (Current CGPA: 9.05/10)

Aug 2018 - Jun 2022

TECHNICAL SKILLS

Programming: Python ,R, C++, C, Java, Solidity
Software & Tools: PyTorch, fast.ai, Pandas , NumPy, SciPy, scikit-learn
ggplot, dplyr, Shiny, Plumber, Matplotlib, Bokeh, Seaborn, Altair, Streamlit
Others: Blockchain (Ethereum using Matic)

PROJECTS (ALL AVAILABLE IN GITHUB)

Musico

- Neural Network based Music Genre Classifier using a novel approach to audio based Machine Learning and achieving better results than current papers. The network uses a Resnet34 architecture for building the CNN with the help of fine tuning and transfer learning. Other architectures used for testing were VGG16, Resnet50 and AlexNet.
- <https://github.com/deep1401/musico>

Lead Prioritization Engine

- Built a Lead Prioritization Engine which can be plugged into a website and thus, it would provide valuable business insights and improve lead conversion ratios by 45% using smart consumer filtering. Also includes a Bayesian Popularity Recommendation System for E-commerce websites. Fraud detection for detecting suspicious transactions on the website.
- <https://github.com/deep1401/Lead-prioritization-engine>

Vidalytics: A Video Analytics Solution

- A video analytics solutions for all the content creating companies which generates important keywords based on the video uploaded and then provides useful social media links after data mining for marketing the content and also conduct EDA for target markets.
- <https://github.com/deep1401/24-DigitalChaos-VIDALYTICS>

Fight Club

- Nowadays, sports has become all about analyzing your each and every move to get better and keeping that in mind, we created a portal where the UFC players can compare each and every move from their fights in each and every round. This also consists of a admin portal in which the authorities can store medical records of the players on a protected Blockchain ledger with PoW difficulty level 4. The blood data of the players is also used to determine if they are involved in any kind of substance abuse which is calculated using an Ensemble model of SVM+Naive Bayes Classifier.
- <https://github.com/deep1401/LOC-2020>

Finata

- A Shiny app created on the EU Stock Market dataset to visualize the stock performance over time.
- <https://github.com/deep1401/EU-Stock-Market>

Image Segmentation with Camvid

- Segmentation of images using a U-Net framework and fine tuning algorithms for a Kaggle dataset called CamVid.
<https://github.com/deep1401/Fast-ai-practice/blob/master/Image-Segmentation-with-Camvid.ipynb>

WORK EXPERIENCE

Feople Org

Data Science Team

Jan 2019 - Sept 2019

- Leading the analytics team for client side operations. Clients included up and coming restaurants and my job was to ensure how to increase revenue and determine the correct prices based on sales and customer footfall.

AWARD

- Runner up at Hackscript 1.0
- Selected in the Top 48 from the state for a project proposal for Project Deep Blue
- Top 15 in the country for a B-Plan Competition organized by E-Spark
- Offered incubation for a local logistics solution for SME enterprises at Riidl Labs.
- Scored in Top 10 at Here Maps Hackathon
- Scored in Top 8 at Lines of Code Hackathon