DEEP GANDHI

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EDUCATION

Dwarkadas J Sanghvi College of Engineering (University of Mumbai) *Aug 2018 - Jun 2022*
B.E. in Computer Engineering (Current CGPA: 9.05/10)

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.
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 peformance 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 *Jan 2019 - Sept 2019*
Data Science Team
- 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.