Gopi Durgaprasad

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I am a B. Tech student from IIIT, Nuzvid. Currently, in 3rd year. Machine learning and deep learning enthusiasts. Active in Kaggle, Recently become **Kagge Competitions & Notebooks Expert**.

EXPERIENCE

Eigenvectors, Pune — *Data Scientist Intern*

May 2019 - May 2020

Worked on implementing proof of concept for Speech recognition using open-source deepspeech2 implementation, Face recognition using RetinaFace(SOTA) and FaceNet implementation, Language Identification using CNN & RNN deep-learning models.

PROJECTS

Speech to Text

An End-to-End Speech Recognition System using existing research given audio data that convert Analog-to-Digital using (ADC) converter, then extract features from audio using some Signal-Processing algorithms like Sort-Time-Fourier-Transform(STFT) Then using some Deep-Learning based techniques (like CNN's, LSTM's and GRU's) convert audio features into a text representation.

Face Recognition

Face Recognition using FaceNet Inception Resnet(v1) model in PyTorch and using state of the art Face Detection model called Retina Faces.

Kaggle 2019 Data Science Blow

Uncover the factors to help measure how young children learn. In this competition use gameplay data to forecast how many attempts a child will take to pass a given assessment. I got my first Kaggle Medal (Silver) top 3%

Tweet Sentiment Extraction

Extract support phrases for sentiment labels. We are using transformer models like BERT, RoBERTa, Albert, XLM-RoBERTa, XLNet using TPU's, and GPU's for training.

Amazon Fine Food Reviews

Amazon Fine Food Reviews is a classic Sentiment Analysis problem used

SKILLS

Python, C, C++, Java

Pytorch, Keras, Tensorflow

HTML, CSS, Javascript

PROFILES

Github: Gopi-Durgaprasad

Kaggle: gopidurgaprasad

LinkedIn: gopi-durgaprasad

ACHIEVEMENTS

Kaggle Comptation Expert

Highest Rank: **1899**/139556

Kaggle Notebooks Expert

Highest Rank: **220**/128913

Top 3% in **Kaggle's**

2019 Data Science Blow Challenge

Top 8% in **Kaggle's**

University of Liverpool - Ion Switching Challenge

Top 12% in **Kaggle's**

Bengali.AI Handwritten Grapheme Classification Challenge

Top 47% in **Kaggle's**

Google QUEST Q&A Labelling Challenge

Top 51% in **Kaggle's**

to classify the polarity of the review given by Amazon users. Given the textual reviews and related features of the product, I have designed various techniques to classify the polarity of the review.

Quora Question Pair Similarity

In this project, Identity which questions asked on Quora are duplicates of questions that have already been asked. This could be useful to instantly provide answers to questions that have already been answered. We are tasked with predicting whether a pair of questions are duplicates or not, using Machine Learning Models like Linear SVM, Logistic Regression, XgBoost

Social Network Graph Link Prediction

In this project, Given a directed social graph, we have to predict missing links to recommend users (Link Prediction in the graph). Taken data from facebook's recruiting challenge on Kaggle and Mapping the problem into a supervised learning problem. Using Liner SVM, Predicting missing links to recommend users using Machine Learning Models like Linear SVM, Logistic Regression, XgBoost.

Apparel Recommendation

Build a recommendation engine that suggests similar products (apparel) to the given product (apparel) in any e-commerce website. This work is done as a part of the workshop conducted by Applied AI Course on Amazon Apparel Recommendation Engine. The data has been taken from Amazon.com in a policy-compliant manner.

EDUCATION

Rajiv Gandhi University of Knowledge Technologies, Nuzvid — B.Tech(*Computer Science & Engineering)*

Aug 2017 - Currently

CGPA - 8.18

Rajiv Gandhi University of Knowledge Technologies, Nuzvid — PUC(*Pre University Course)*

Aug 2015 - Jun 2017

CGPA - 8.22

Z. P. P. HIGH SCHOOL, Danayyapeta — X Class(*SSC)*

Aug 2014 - Jun 2015

CGPA - 9.8

Deepfake Detection Challenge

COURSES

Machine Learning by Stanford University - Coursera

Deep Learning Specicalization by Deeplearning.ai - Coursera

Intro to Tensorflow by Google Colab - Coursera

Interoduction to Data Scince University of Michigan - Coursera