DISHA BALPANDE

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EXPERIENCE

Data Scientist Intern

Cyronics Instruments Pvt. Ltd.

Feb 2020 – July 2020 Pune,India

Working on 5G signal

- Generate a modulation signal using digital communication technique.

EDUCATION

M.Tech in Modeling and Simulation

Centre for Modelling and Simulation, Savitribai Phule Pune University

Aug 2018 – July 2020

Bachelor of Technology

Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati

Aug 2015 – July 2018 CGAP – 8.09/10

Diploma in Information Technology

Baburao Tidke College,Nagpur(Maharashtra State Board)

Aug 2012 – July 2015 Grade – 64.63%

COURSES

Computer Vision Nanodegree

Udacity

Deep Learning Nanodegree

Udacity

SQL for Data Analytics

Udemy

Introduction to Git

DataCamp

SKILLS

Programming
SQL, MYSQL, Python, R, C, C++ ,Java
Software
Git,PostgreSQL
Machine Learning
Regression,Logistic Regression,SVM,Random Forests, Clusterning,Decision Tree,Time Series Modeling
Deep Learning
Neural Networks, Convolutional Neural Networks,Recurrent Neural Networks,Generative Adversarial Networks
Mathematical
Statistics,Probability
Frameworks
PyTorch,Keras,Tensorflow,OpenCV,scikit-learn
Visualization Tools
Tableau

HACKATHON

- **Loan Prediction by Analytics Vidhya**

PROJECTS

Data Analysis in Marketing Campaigns

- The data is from Google and Facebook campaigns which shows the performance of different Age-groups for different dimensions.I have to carry out EDA and build ML model.

Bike Sharing Project using NN

- Firstly, I created Neural Network class with the init function accommodating the number of input, hidden and output nodes. Next, I initialized the weights, defined the activation function and learning rate.
- The values for hidden, output nodes, number of iterations and the learning rate are being set later and can be modified until we get the desired accuracy.

Dog Breed Prediction using CNN

- In this project, build a pipeline that can be used within a web or mobile app to process real-world, user-supplied images.
- Given an image of a dog, CNN algorithm will identify an estimate of the canine's breed. If supplied an image of a human, the code will identify the resembling dog breed.

TV Script Generation using RNN

- I'm generating my own Seinfeld TV scripts using RNN. I'm using part of the Seinfeld dataset of scripts from 9 seasons.
- The Neural Network will generate a new,"fake" TV script, based on patterns it recognizes in this training data.

Generate Faces using GAN

- I'm defining and training a DCGAN on a dataset of faces. The goal is to get a generator network to generate new images of faces that look as realistic as possible.
- I'm using the CelebFaces Attributes Dataset (CelebA) to train the adversarial networks

Samsung Mobile Price in India 2020 Using Web-Scraping(PyScrape)

- The Samsung site lists prices of all Samsung phones in India. The list spans across multiple pages which you would get to by clicking Next at the bottom of the pages.
- Goal is to write a scraper which crawls all these pages by pro-grammatically clicking on the Next button and aggregates a list of all phone names and their price.

ML code challenge in GitHub

- First off I would be coding all the basic ml algorithms, starting with linear regression.
- Support vector regression including all ML algorithms.