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RAHUL SAXENA

rpalsaxena.github.io
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Technical Skills

Languages: Python, SQL

Frameworks/Libraries: PyTorch, TensorFlow, seaborn, sklearn, scrapy, keras

Others: Git/Github, AWS, Google Cloud, GIMP

Project Experience

LandMark Classification & Tagging using PyTorch

- Used Convolution Neural Networks to build a classifier to classify landmarks
- Trained with the help of pretrained ResNet50 model and achieved 75%+ accuracy
- It was coded by taking inspiration from the AWS's rekognition library.

Financial Crisis of 2008 Analysis using Python

- Explored banking stock prices from 2008 financial crisis to 2016.
- Used libraries like numpy, pandas, matplotlib, seaborn.
- Plotted some interactive graphs to view the behaviour of stocks.

Identify Fraud from Enron Email using ML Sklearn

- Built a model to identify Enron Employees who were involved in Fraud.
- Used Machine Learning algorithms to predict Person of Interest
- Quantified machine learning results using precision, recall.

Design an A/B Test

- Analyzed the results of an A/B test on a website's data.
- Identified the characteristics to validate metrics.
- Calculated no. of events & running time required to reach a statistically significant result.

Designed an experiment for Diabetes Drug Testing using TensorFlow

- Worked through an EHR data to extract and identify features.
- Performed Data Augmentation to stabilize the data.
- Built a regression model to estimate hospitalization time for a patient during drug testing.

Work Experience

Udacity Inc. Data Science Consultant

Telecommute, Delhi, IN | Feb 2017 -Present

- Working as a mentor & reviewer for Udacity's Data Science Nanodegrees like DAND, DLND, AIHND
- Helped over 20,000s of students to figure out the issues they faced during coursework and projects

DataAspirant.com Data Science Consultant Writer

Telecommute, Delhi, IN | Jun 2016- Jun 2017

- Worked as a content writer to write tutorials on Machine Learning and Analytics.
- Some of our articles were referenced by Universities like Stanford.

PapaNotAngry (Startup) - CoFounder

Delhi, IN | Apr 2015 -Oct 2015

- Founded PNA to build an E-commerce Product Discovery Engine.
- Headed Tech Team, built a search API using crawlers & ElasticSearch for 1 Million+ products.

Education

Coursera- Machine Learning with TensorFlow on GCP

Apr 2019

Udacity- Deep Learning NanoDegree

2018-19

Udacity- Data Analyst NanoDegree

2016-17

Coursera- Machine Learning Course by Andrew Ng

2016-17

GGSIPO- Computer Science Engineering

2011-15

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