



Shrikant Kendre

Associate Data Scientist

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Machine Learning Practitioner with exposure to full-stack development, have strong knowledge of ML/DL algorithms and statistical tools. Interested in applied Machine Learning to solve real world problems related to Computer Vision and NLP.

WORK EXPERIENCE

Associate Data Scientist Cognizant Technology Solutions

04/2020 - Present

Bangalore, India

Client - Technology

Improve the Ad Click Prediction Accuracy for Search Engine

- Researched on various NLP algorithms for information retrieval to estimate click probability of advertisement given as search result.
- Implemented and Evaluated CDSSM(Convolutional Deep Structured Semantic Matching) over AUC, Log-loss reduction, Calibration Plots.
- Worked on model deployment using TensorFlow serving with protocol buffers and gRPC.

Technology: Python, Tensorflow-Keras, gRPC, TensorFlow-Serving

Associate Data Scientist Cognizant Technology Solutions

08/2019 - 03/2020

Chennai, India

Client - Healthcare Domain

Medicare Analytics using Health Outcome Surveys

- Developed analytical and ML models that assist Customers Marketing team by targeting right and influential population to improve the star ratings of medicare plans by addressing specific measures.
- Used HOS data, clinical data, prescription data to train ensemble of models to calculate propensity for the members to have Urinary Incontinence.

Technology: Python, Scikit-learn, SQL, Matplotlib

Associate Data Scientist Cognizant Technology Solutions

04/2019 - Present

Bangalore, India

Client - Retail

DataPipeline Creation to move data to AWS

- Gathered data from various services and automated the task of Data Migration to AWS Redshift and performed visualisation in Athena.
- Automated Pipelines by creating different lambdas, Step functions and GlueJobs respectively.
- Processed data landed in either Red Shift/ external Data Warehouse.

Technology: AWS, Python, PySpark, SQL

EDUCATION

B.E (Computer Science)

Maharashtra Institute of Technology

2014 - 2018

SKILLS

Python

C++

ML/DL Algorithms

Scikit-learn

TensorFlow/Keras

AWS

Git

SQL

MongoDB

PySpark

HTML/CSS

PERSONAL PROJECTS

Automatic Detection of Hateful text in Online content using Twitter API (05/2017 - 04/2018)

- Built an intermediate module between user and the twitter platform that monitor tweets made by the people.
- In the case of Hateful/Offensive content, it prevents the users from tweeting, hence maintaining and monitoring the decency of the platform.
- Algorithm used : Logistic Regression, SVM and Naive Bayes.
- Technology : Python, Scikit-Learn, Numpy, Pandas

Santander Customer Satisfaction(Kaggle) (04/2019 - 06/2019)

- Identify dissatisfied customers in the early phase and by doing so would allow Santander to take proactive steps to improve a customer's happiness before churning.
- Performed various feature selection techniques encompassing techniques like removing correlated features, Lasso/Ridge Regression, tree based features importance, etc.
- Model is developed using Random Forest/Logistic Regression and evaluated on Accuracy (Train : 80%, Test : 81%) and Confusion Matrix.

Image Classifier Using Deep Learning (04/2020 - 06/2020)

- Worked on Deep CNN Model to build a classifier to identify the images (belonging to specific class), trained on CIFAR dataset.
- Built a Flask app to consume the model and deployed the app using docker container. Evaluated the performance based on user uploaded images and their feedback.
- Link : https://hub.docker.com/r/shriawesome/cifar_classification

ACCOMPLISHMENTS

Publication : Automatic Detection of Hateful text in Online content using Twitter API (2018 - Present)

<https://arxiv.org/abs/1809.08651>

Specialisation in Machine Learning (2019 - Present)

<https://coursera.org/share/45d3b1d768dc8ab1984d45d5ead5d0d4>

Specialisation in Deep Learning (2019 - Present)

<https://www.coursera.org/account/accomplishments/certificate/SMC6SNN9WRVA>