Avinash Bagul

Associate Data Scientist

Experienced and Enthusiastic Data Scientist with around 3 years of experience in Data Analysis, ML and AI. Desire to work in a pragmatic way and build a career in Data Science.

Work History

2018-10 - Current

Associate Data Scientist

IFS India Mercantile Pvt. Ltd, Pune, MH

Title: Financial Fraud Detection

(Python, Regression, Data preprocessing, Data preprocessing, Ensemble, Train-test split, Cross-validation, SQL)

Responsibilities:

- Formulating Data, Data Cleaning, Data Preprocessing, Labelling, etc.
- Data Visualization and Modeling: create charts in jupyter notebook to visualize the data using imbalance, overfitting.
- Clustering and classification.
- Implementation different machine learning algorithms.

Title: Pneumonia Detection

(Python, Seaborn, Transfer learning, Transfer learning, Keras, Pickle, Joblib , Tensorboard)

Responsibilities:

- An algorithm is developed is developed to detect a visual signal for pneumonia in X-ray images.
- To detect pneumonia X-ray images are trained for Resnet – 18, 34, 50, 101 Model.
- Doing feature engineering, image preprocessing, transfer learning and fine tuning of pre existed Resnet models.
- Analysed model performance using Tensorboard.
- Deployed CNN model using Flask.

Education

M. Tech.: Computer Engineering
Dr. Babasaheb Ambedkar Technological University

B.E.: Information Technology
Dr. Babasaheb Ambedkar Marathwada University

Contact

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Skills

Languages: Python 3.x, SQL, Json

Python Library: Pandas, Matplotlib, Seaborn, TensorFlow, Keras

Tools: Mysql, Git, Jira, Pickle, Joblib

IDE: Jupyter, Pycharm

ML & AI: KNN, Deep Learning, NLP

Personal Information

DOB: 11/07/1986
Marital Status: Married
Language: English, Hindi, Marathi