Anitya Gangurde

Aspiring Data Scientist

Aspiring Data Scientist with a vigorous drive to learn new things, and a knack for problem-solving. My interests are in working on Deep Learning problems, the Data Analysis part of the ML pipeline and in writing.

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EDUCATION

Bachelor's of Engineering, Mechanical
MET's Institute Of Engineering, Nashik
08/2016 - 08/2020   *7.68*

SSC, 10th standard
Dr. K.D.E.S, Nashik
06/2002 - 04/2014   *85.80%*

PERSONAL PROJECTS

News Headline Classifier (01/2021 - Present) ↗
- Trained a **BERT** model locally to understand News Headline dataset taken from Kaggle
- Created a **Django** app for users to interact with
- Connected it to a **MySQL** database to collect user data

HR-Analytics: Predict whether someone will quit (05/2021 - 06/2021) ↗
- Used **Support Vector Machines** as an ML model with RBF to determine if someone will quit a job provided various information about that employee.
- Performed **Cross-Validation** and **Hyper parameter tuning** on SVM and Random Forest algorithm to determine the best model.
- Wrapped the model into an API for users to interact with and deployed on **Heroku**.

Using ResNet on Fish Dataset [Course-Project] (06/2021 - 07/2021) ↗
- Used a pretrained **ResNet34** model to train the Fish Dataset on, which was taken from Kaggle.
- Used **PyTorch** as the Deep Learning Framework for implementation of the model.
- Trained the pretrained ResNet model using **Google Colab GPUs**.
- Achieved an accuracy of **99.70%** within around 8 minutes of training.

Banking Customer Churn Rate Prediction (06/2021 - 07/2021) ↗
- Banking Customer Churn Rate is a data analysis project in which the model determines whether customers will leave the bank given certain information about them.
- Performed extensive **EDA** and Feature Engineering on the data set.
- Trained an **XG Boost** model on this customer data set using cross-validation.
- Hyper-tuned the model to achieve an accuracy of **85.4%** as compared to **81%** and **75%** on normal XGBoost model and Logistic Regression respectively.

Would You Survive The Titanic Disaster? [Flask API] (04/2021 - 04/2021) ↗
- Performed **Data Wrangling** and **Feature Engineering** on the Titanic Dataset to create and train **multiple models** such as Logistic Regresssion, SVM, Decision Trees.
- Deployed a Flask API on Heroku for users to interact with the ML models and get predictions.

SKILLS

Python   Pandas   Matplotlib
Scikit-Learn   Keras   Tableau
Deep Learning   Numpy   Heroku
MySQL   Excel   GitHub

CERTIFICATIONS

Deep Learning with PyTorch: Zero to GANs (Jovian.ai) (2021)
Certification for Deep Learning course using PyTorch framework with extensive course work including practical assignments and course projects.

Python for Data Science and ML Bootcamp (Udemy) (2020)
30 hrs plus of certification course that introduces to Python libraries such as Pandas, Numpy, Matplotlib and ML libraries such as Scikit-learn.

Complete Python Developer in 2020 (2020)
Certification for understanding basic to intermediate concepts of the Python language. 25 hrs of coursework.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Deep Learning   Creating Dashboards
Blockchain   Writing