Anitya Gangurde

Aspiring Data Scientist

Aspiring Data Scientist with interests in Natural Language Processing and Deep Learning. I enjoy working with computers and using them to solve complex problems. Hence, the field of Data Science is of particular interest to me as it combines both of my passions, computers and critical problem-solving.

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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
2002 - 2014 *85.80%*

PERSONAL PROJECTS

HR-Analytics: Predict whether someone will quit [with Heroku link] (05/2021 - 06/2021)

- This is a **Flask API**, deployed on **Heroku**, that uses **Support Vector Machines** with RBF to determine if someone will quit a job provided various information about that employee.
- I achieved an accuracy of around **77%** during training for this model.

Banking Customer Churn Rate Prediction [Kaggle NB link] (06/2021 - 07/2021)

- Banking Customer Churn Rate is a 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? [with Heroku link] (04/2021 - 04/2021)

- The project is a Machine Learning **API**, deployed on **Heroku**, which implements **Logistic Regression**, **SVM** and various ML models to predict whether someone would survive the Titanic disaster.
- The API was made using **Flask** with python and the models were trained and imported as Pickle files.
- The Machine Learning API takes in user input as features and predicts their survival rate.

Using ResNet on Fish Dataset [Course-Project][Kaggle NB link] (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.

SKILLS

Python | Scikit-Learn | PyTorch | Keras | TensorFlow | Deep Learning | Machine Learning | EDA | Pandas | Numpy | Heroku | SQL(Basics)

CERTIFICATIONS

Deep Learning with PyTorch: Zero to GANs (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 (2020)
Certification for a course which 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.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Natural Language Processing | GANs | Blockchain | Writing