



# 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

2002 - 2014

85.80%

## PERSONAL PROJECTS

### 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 Regression, SVM, Decision Trees.
- Deployed a Flask API on Heroku for users to interact with the ML models and get predictions.

## SKILLS

Python

Scikit-Learn

Keras

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