Ankit Modak
Data Scientist and Analyst

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🎓 PROFILE

An organized and self motivated all time learner who likes to deal with data.
I have done various projects related to Data Science and Machine Learning as well as having knowledge about Data Analytics.

💼 PROFESSIONAL EXPERIENCE

Data Science Intern, AI Varient
March 2022 – November 2022 | Mumbai, India

- Successfully built a Recommendation System , solved a Natural Language Processing problem and worked on a Time Series data to predict the prices.
- Built a collaborative and popularity based recommendation system using Pandas. Deployed the systems using Flask on local server.
- Built a classification model to predict sentiments behind a hotel review. Completed EDA, pre-processing, visualization, model building and experimentation (Naive Bayes, Support Vector Machine, KNN, Decision Tree Classifier). Achieved best accuracy and F1-score.
- Built a Time Series Prediction model to predict gold prices for 30 days. Completed pre-processing, trends, seasonality and stationarity check, model building and experimentation (Auto ARIMA, SARIMAX, Holt-Winters). Deployed using streamlit.

🎓 EDUCATION

Bachelor of Science (Statistics), Sathaye College (Mumbai University)
2018 – 2021 | Mumbai, India
  6.84 cgpa / 10

Higher Secondary Education, Patkar College
2016 – 2018 | Mumbai, India
  70 %

Secondary Education, JES
2016 | Mumbai, India
  91 %

🌐 LINKS

LinkedIn 🔗

GitHub 🔗

Kaggle 🔗

🎖 KAGGLE

Spaceship Titanic
- The goal of this competition is to classify if the passenger is transported or not based on the given attributes of the passengers.
- Built a statistical classification model. My public Score (without hyper-parameter tuning) : 0.79775 (Highest public score: 0.81833)

Digit Recognizer using Deep learning
- Deep learning practice using Computer Vision. Trying to build a computer vision model to recognize hand written digits from mnist dataset.

📚 COURSES

Deep Learning Specialization, Coursera (DeepLearning.AI)
December 2022 – present

AI for Everyone, Coursera (DeepLearning.AI)
December 2022 – present

Databases and SQL for Data Science with Python, Coursera (IBM) 🔗
November 2022

Data Scientist, ExcelR
January 2022 – July 2022

Google Data Analytics Specialization, Coursera (Google) 🔗
January 2022 – July 2022

Complete Python Developer 2022: Zero to Mastery, Udemy 🔗
March 2022

100 Days of Code: Python Pro Bootcamp for 2022, Udemy 🔗
January 2022

🧠 SKILLS

`Python` `SQL` `Deep Learning`
`Statistics` `Tableu`
`Microsoft Office Excel` `Web Scrapping`

📂 PERSONAL PROJECTS

Real Estate Price Prediction
- Completed price prediction for Bengaluru House Prices dataset from Kaggle. Completed the understanding of dataset, data preprocessing, outliers and null-values detection, encoding, etc.
- Successfully fit different regression models (Linear Regression, Lasso, Decision Tree) to find the model with best fit and maximum accuracy. Achieved accuracy - 91%

Heart Disease Classification
- Successfully classified if a patient has heart disease based on the parameters provided in the dataset. Aim was to get maximum accuracy (at least 95%+), maximum precision, recall as well as f1-score.
- Completed model building (Logistic Regression, K-Nearest Neighbors, Random Forest) using scikit-learn and achieved maximum accuracy of ~85%.

Dog Breed Classification
- Built a classification model using TensorFlow and Keras. Used transfer learning using mobilenetV2 machine learning model.
- Built a model which can take dog picture as an input and predict the dog breed. Achieved accuracy: 80%

🎸 HOBBIES

Football

Cricket

Gaming

Biker

Music

Reading