

PATIL AMIT

JR.DATA SCIENTIST

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📄 <https://github.com/PATIL-AMIT-UMAKANT>

CERTIFICATIONS

Qualified TCS NQT Test

- Both Machine Learning & Cognitive

Social Prachar Hyderabad :

- Advanced Data Science & AI

IBM-Cognitive Classes :

- Data Scientist

NareshIT Hyderabad :

- Python For Data Science

IBM-Cognitive Classes :

- Data Visualization & ML Using Python

SKILLS

Scripting Language:- PYTHON

Database:- SQL (My-SQL)

Webscraping:- Selenium Using | ChromeDriver

ML Algorithms:-

Supervised :- Linear/ Logistic regression|
Lasso /Ridge regularization| KNN| SVM|
Decision Tree| Random Forest Ada Boost|
Gradient Boost| XGBoost| Catboost.

Unsupervised :- K-means| Hierarchical Clustering.

Deep Learning :-

ANN| CNN| RCNN| FAST / FASTER-RCNN|

NLP :-

Text Normalization (Stemming & Lemmatization)|
Tokenization |TF-IDF |Bag of Words |Word2Vec
| RNN| LSTM| Encoder-Decoder | Attentions

Data Visualization / Data Analyst :

Microsoft Office| Microsoft Word(Excel)| Tableau|
Power Point| PowerBI| Matplotlib| Seaborn|

Deployment:- HTML|Flask| Streamlit | Heroku.

Libraries:-

Numpy| Pandas| Matplotlib| Seaborn| Sklearn|
Scipy| NLTK| Keras| opencv| TensorFlow.

PROFILE SUMMARY

Immediate joiner with the role of the Data scientist or Data Analytics having 9 Months of experience as a Data Scientist and hands on experience on 5+ live projects, also i have experience in more than 20+ Machine Learning & Deep Learning algorithms, With 12+ tools & expertized in Python, ML, DL, NLP ,Power Bi And Tableau

WORK EXPERIENCE

DATA SCIENCE INTERN

SocialTek AI ML Business solutions pvt ltd

OCT 2021 - JULY 2022

PROJECTS

1.House-Rent-Price-Prediction

- Build the predictive model that gives the most estimated price based on the other features too, Scarp Data.
 - I complete the Analytical process and with the help of machine learning models got the r2_Score of 0.72 & deploy this model using flask API and Heroku cloud.
 - Tools Used--> Selenium, Chromedriver, Numpy, Pandas, Matplotlib, Seaborn, Scipy, Scikit learns, Flask API
- LINK-->> <https://patilamit-houserent-prediction.herokuapp.com/>

2.Object Detection using RCNN and YOLO

- The goal of this project is to detect the different types of Objects and gives the best bboxes with labels.
- With the help of pascal voc 2007 dataset. I did selective Search and IOU.
- In this the object is detected from a particular image and give the bounding boxes with IOU score.
- Tools Used --> Numpy, Pandas, Opencv, Tensorflow, Keras

3.Machine Translation Using Attentions

- Build a model that give translation of one language to another language.
 - we conclude that encoder-decoder along with attentions are more accurate & got the bleu score of 51,Deployed using Streamlit
 - Main keys: -RNN, LSTM, Encoder-Decoder, Attention-Mechanism
- LINK -->><https://flipkart-recommendation-system.herokuapp.com/>

EDUCATION

Bachelor of Engineering
BKIT, Bhalki,Dist. Bidar , Karnataka
JUNE 2016 - JULY 2020

LANGUAGES:-

English - Business Fluent
Marathi - Native
Hindi - Intermediate
Kannada - Intermediate