KIRTIKUMAR PATIL

Data Scientist (3.0 Yrs)

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SKILLS -

Python ,SQL ,Pandas, **Machine learning Algorithms-** Linear & Logistic regression, Gradient Descent Decision Tree, Support Vector Machine, Random Forest, K Nearest Neighbor, PCA, K-Means clustering
Boosting Algorithm, Ada boost Gradient boosting, Xgboost
Flask web framework,HTML ,CSS
Windows, Jupyter Notebook Linux, Conda,Excel,VS-code

Tools and Technologies -

- Python packages – Pandas, Numpy, Scikit learn, Seaborn, Matplotlib,Klib, Flask
- Power-Bi – Visualization tool

-**NLP** – NLTK, Gensim, LSTM, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words, BEART
-**Time Series** – AR, MR, ARIMA, SARIMAX
-Deep Learning – ANN, CNN, RNN,LSTM, Tenserflow,Keras
Optimizers – Gradient descent, Adagard,Adadelta,Rmstrop
Weight updation Techniques – sigmoid, Relu, softmax.
CNN – Image processing, stride Padding, Data Augmentation, Pretrained models architecture- VGG-16,RESNET 50,Googlenet
Transfer learning – Feature extraction,Fine Tunning
Computer Vision–opencv, object detection
Recommended System – Population based,Content based, collaborative and Hybrid

Education

- BE – G.H.Raisoni College of Engineering, Jalgaon | 2015-2018 | 60.71 %

Work Experience

Mphasis

Data Scientist

[2020]

PROFILE

Expert in model building using several machine learning algorithms post processing the data using pandas and python libraries. Extensive expert in processing the data and building the model & Evaluating the same against several parameter

PROJECTS

1. Healthy Comment Eco System

- To avoiding unhealthy comment on social media platform which is inappropriate and can create controversy
- The Threat of Abuse and harassment online means that many people stop expressing themselves and give up on seeking different opinions.
- that's why we build a model that's capable of detecting type of toxicity like healthy or unhealthy

Roles and responsibilities

Data collection on databases, Text Pre-processing, Tokenization, Punctuation removed on text, Normalization, Stop Words Removal, Stemming & Lemmatization, applied vectorization techniques Countvector, TF-IDF, Word2vec applied LSTM RNN NLTK, Gensim libraries and build the model and deployed.

2. Used Car Price Prediction

- Evaluate model which will predict the car reselling price using used cars history.
- Defining the feasible problem and coming up with reasonable ways of measuring solution
- Done a model with ML algorithms

Roles and responsibilities

Data preprocessing, EDA, Feature Engineering, Feature Selection and model building done create pickle file and deployed on server

3. Loan approval prediction (Finance)

- Every day we have lots of Application but out of that how to identify who is likely to default
- How effectively offer the loan to someone
- We build a predictive model to predict if an applicant able to repay the lending company or not

Roles and responsibilities

Data Analysis and understanding the problem, Data preprocessing, EDA, Feature Engineering using pipeline, Feature Selection, Model training and testing applied different ML Algorithms also the created web by using Flask, HTML and css and after that deployed on AWS.