SHASHIKALA SINGH

ML ENGINEER

PERSONAL INFORMARION :

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Pune,Maharashtra

HARD SKILL :

Python/ML Packges :

Scikit Learn, Pandas, Numpy, Regular Expression, Opencv, Matplotlib, Seaborn, NLTK, TF-IDF, Bag Of Words, sklearn, scipy, pytesseract

Algorithms :

Linear Regression, Logistic Regression , Naive Bayes, KNN, SVM, Decision Tree, Random Forest, Voting Classifier, Gradeint Descent, Xgboost, K-mean-Clustering, K-mean plus plus, PCA

Deep Learning :

ANN, CNN,RNN

Cloud Platform :

AWS

Programming Languages :

Python, Flask, SQL,

SOFT SKILL :

Logical analysis,
problem sloving and troubleshooting ability,
Good verbal and business communication,
Leadership,Team work and Organizational,
Presentation and project management ,
Staying positive and aiming high

EDUCATINAL QUALIFICATION

Bachelor Of Engineering
Rajiv Gandhi Prouyogiki Vishwavidalaya|Sagar Institute Of Research And Technology|2018

Higher Secondary School
MPBSE|2014

Senior Secondary School
CBSE|2011

HOBBIES:
Singing, Nature photography

ABOUT ME

Experienced ML engineer with 3.6 years' worth of work experience who is passionate about using statistical analysis tools and data retrieval techniques to offer useful data. devoted to assisting businesses in creating strategic plans based on predictive modelling and findings. Analyzing large, complicated data sets with a demonstrated track record and acting as a solid, trustworthy advisor.

EXPERIENCE

ML Engineer
Mphasis, Pune (April 2019 - Present)

PROJECTS

E-Siging Predictive Model On Loan Approval Document

Client empower to speed up digital signing on loan approval document so that they increase transparency, Cost saving and easy to centralised the documents.
Domain: Finance Banking

- Assessing and pre-handling a customer's credit information and budget reports in order to evaluate the level of risk associated with a cash loan.
- Analysing and interpret data and determine optimal data sets and variables.
- Implementing suitable machine learning techniques to produce bespoke data models and achieve 94% accuracy.
- Work on all stages of a data science or machine learning project, including exploration and conceptualization, POC (proof of concept), preparation of the data, model building and testing, deployment, monitoring and debugging, and continuous improvement.

Enhancing The Quality Of Hotel Services On The Basis Of Custom Review To Maintain Relationship With TAs

In order to improve their services, maintain positive customer relationships, and diversify their sources of income, clients need a system that can forecast which hotel will receive the best reviews and also identify the major causes of unfavourable comments.
Domain:Travel & Leisure

- Analyze structured and unstructured data at scale to derive new insights and opportunities.
- Several techniques were used to preprocess the data and convert it from text to numerical format.
- Build and validate predictive models and achieve 85% accuracy.
- Contributing my efforts and knowledge in cleaning data,building predective model in NLP.

Prediction Of Mortality Risk On The Basis Of Regular Health Checkup

Regular health examinations are a good way to increase life expectancy by detecting and treating problems early. Therefore, hospitals offer a variety of economical health packages and regularly monitor patients for ailments.
Domain:Healthcare

- The gathering of past information for model analysis. This includes gaining access to subject matter experts and acquiring data that can aid in the most accurate interpretation of the past data so that forecasts can be produced.
- The use of simple tools, such as graphical and summary statistics, to better understand data. Examine charts for evident temporal structures, abnormalities such as missing data, corruption, and outliers.
- Assess two, three, or a suitable of models of varying types on the issue. Models might be chosen for evaluation based on the presumptions they make and regardless of whether the datasets conforms.Models are designed and fit to the historical data.