

NIHAR RANJAN SWAIN

DATA SCIENTIST

Throughout my career, I've worked on machine learning use case algorithms in the bank domain. Highly expert data analysis, MySQL databases, Visualization tools like Tableau, Machine Learning models as supervised, unsupervised, time series, data preparation through NLP and Deep Learning. Future focus working with Artificial Intelligence.

CONTACT

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EDUCATION

Master of Technology

Automobile Engineering Lovely

Professional University

2018 - 2020

Phagwara, Punjab

GPA: 8.01

SKILLS

Python

MySQL

PostgreSQL

Mongo dB

Tableau

Machine learning

NLP

Deep Learning

Data Analysis

Elastic Search Engine

WORK EXPERINCE

RECERCA Systems and Solutions Pvt. Ltd.

Jan 2020 – present / Bengaluru, India

- Coordinating with the product and marketing teams to determine client quires
- Code, debug, test, and document application programs Database creation and updating
- Making a best suitable machine learning model

PROJECTS

1. Bank Transaction Projects

- This project was banking business solution, the moto of this project was built a machine learning model for fraud detection of every transaction, Credit score prediction of loan payer with taking in consideration of default and finally made customer segmentation using kmeans clustering.

2. Recommendation Engine

- Project was content base recommendation of ecommerce site, scrape the data using beautifulsoop, made an Elasticsearch base recommendation system.

3. Medical Image object classification

- Medical image dieses severity prediction. The project architecture was image preprocess using OpenCV, labeling the image using labelImg, train model using yolov5 object detection model, convert weight file to onnx format and finally INT8 using TensorRT for faster inferencing

4. Time Series Forecasting Model

- This project was forecasting of sell quantity of ecommerce site, connect with database to collect the data, Create LSTM model for forecasting product sell quantity, for best result we seen at windows size 14 and horizon 5. The model was retraining once in every week.