Gaurav Gupta

Data Scientist

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EXPERIENCE

EXL Service , Gurugram ,India

Data Scientist Consultant

Oct 2021 - Preset

Nanobi Analytics Pvt.Ltd , Bengaluru,India

Jr.Data Scientist

May 2020 - Oct 2021

Valuestream Business Solution Pvt. Ltd , Bengaluru,India

Data Science Consultant

August 2019 -Feb 2020

EDUCATION

Dr.A.P.J Abdul Kalam University

Bachelor Of Technology in Computer Science And Engineering

June 2015 - June 2019

PROJECTS

Early Delinquency Model Building and Monitoring :-

This was a banking project in which I had built a machine learning model to predict the early delinquency and predict the probability of customers being default . I had deployed the model into production and the model could be accessed through API .Model deployment was done in Django , Nginx and Gunicorn . I was a part of a model monitoring team where I had to monitor the health of various models in the production using various strength , stability metrics. Based on model monitoring we either re-calibrate the model or rebuild the model.

SKILLS

Python

SAS

R

Natural Language Processing

Machine Learning

Deep Learning

Web Scraping

Basic Web Development - Html , CSS , Bootstrap , JS

Speech Analytics(using Google Analytics API)

DataBase - MongoDB , Sql Server ,Oracle 11G ,SQLite

Frameworks

Django Web Framework

Django Rest Framework

Django Deployment Tools

NGINX

GUNICORN

UBUNTU SERVER

Language :- Python , SAS , R , SQL

Libraries :- Numpy , Pandas , Sklearn ,Kearas, Seaborn

Deployment :- Nginx , Gunicorn , Supervisor

Database :- Sql Server Database

FrameWork :- Django RestFramework

Building Generic Diagnostic Tool and integrating to BI Product :-

I had built a generic diagnostic analytical feature and integrated in a BI product , feature includes prescriptive analysis , descriptive analysis and their interpretation in layman words.It also includes Time Series Analysis , Market Basket Analysis , RFM , Clustering , Predictive analytics. All these features are generic and can be applied on any domain or any dateset.
Then results are visualized through charting libraries (Fusion Chart , D3 Chart , Tabulator , Bokeh) and charts are rendered through API build using Django Rest Framework . Rest api were deployed on Ubuntu server using Nginx , Gunicorn .

Language :- Python , R.

Libraries :- Numpy , Pandas , Sklearn , Seaborn

Deployment :- Nginx , Gunicorn , Supervisor

Database :- Sql Server Database

FrameWork :- Django RestFramework

Email and Speech Analytical Tool (Insurance Domain):-

Build Sentiment Analytical Tool to perform email
analysis , build rule based engine to perform customer segmentations and perform speech analytics using MS Azure to monitor the customer experience over calls.
Tools include Predictive Modelling , Descriptive Modelling , Descriptive Modelling which are used as rest services. Rest services were built in using Django Rest Framework.
I had built a restful api to interact with the dashboard and render charts accordingly.
Tools , Language , Libraries :- Python , R ,Numpy, Pandas , Keras,TensorFlow,Sklearn , Google Analytics , Basic Web Development.

Visualization Libraries

BOKEH
MATPLOTLIB
SEABORN
FUSION CHARTS
GOOGLE CHART

Machine Learning Tools

Jupyter NoteBook

R Studio