Neha Patil

Data scientist

A Professional Data scientist with experience in Machine Learning Algo, Deep Learning, Financial Markets and Data Modelling. Involved in enforcing Cash Flow Forecasting Strategies, OCR,Time series analysis, developing trading strategies, creating data pipelines and visualizations for BFSI Domains.

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WORK EXPERIENCE

Data scientist
Intellect Design Arena Ltd

07/2019 - Present

Tasks

- Successfully designed & implemented a cash flow forecasting model that predicts the income and outcome of the customer .
- Successfully designed & implemented Alexa skill/ chatbot development for Corporate bank.
- Build NLP Pipeline Using Spacy, NLTK, Data Preprocessing using Pyspark.
- Created a Dashboard to show Transaction analysis, End-to-end Machine learning Model (Django) and Deploy On a cloud.
- Hands on experience on Machine Learning algorithms like LSTM, sequences, Time series analysis, ARIMA, SARIMA, Prediction, etc..

Machine Learning Engineer (Fellowship)
BridgeLabz Solutions LLP

12/2018 - 07/2019

Tasks

- House price prediction using the linear regression model, decision tree, random forest, Spam mail detection using logistic regression, and all other classifier models Clusters and analysis using KNN, Hierarchical clustering, NLP.
- Worked on Deep learning models and have an understanding of Forward propagation, Backward propagation, RNN, CNN, Age detection, Image classification, Data visualization Using Different visualization Library.

Web Developer Intern
TCI Tech Foundation

05/2018 - 06/2018

Tasks

- Crafted front end of the system using HTML, CSS and Javascript.Autofilled user details using user's resume.
- Involved in testing of given requirements specifications.

EDUCATION

Bachelor of Information Technology
University of Mumbai

06/2014 - 06/2018   GPA 8.22 /10

SKILLS

Languages: Python, SQL, HTML5,CSS, Bootstrap, Javascript, Nodejs

DB and Libraries: MySQL, PostgreSQL, Pandas, Numpy, Scikit-learn, Matplotlib, Plotly, Seaborn, Spacy, OpenCv, Tensorflow, Keras, Pyspark, Apache Spark, Streaming API, Kafka.

Machine Learning : Deep learning, Time series analysis, NLP.

DevOps/Tools : Git, Bitbucket, AWS, Google cloud , Heroku, Power BI, Tableau, Kibana, Elasticsearch. • Frameworks : Django, Flask, Dash.

Other: REST API, GraphqlApi, Web scraping, Beautiful Soup, AWS lambda, Alexa skill kit, RASA NLU, ChabotDevelopment, Amazon Developer console, NLTK.

PERSONAL PROJECTS

Twitter sentimental analysis
- Sentiment analysis is the automated process of analyzing text data and sorting it into sentiments positive, negative, or neutral.

Object Detection
- Object detection is a image processing that deals with detecting instances of semantic objects of a certain class (such as humans, buildings, or cars) in digital images and videos.

Alexa skill
- Alexa provides For example, Alexa's abilities include playing music from multiple providers, answering questions, providing weather forecasts, and querying Wikipedia.

Chatbot
- Using Rasa for my personal use only. o Notify me about my daily tasks , update me latest news of my interests.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

CERTIFICATIONS

• IBM Deep learning Using TensorFlow. • Deep Learning specialization • Applied Data Science with Python Specialization • Python for Everybody Specialization