

Vedakeerthi Asokan

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Location - Chennai

Profile summary

Budding Data Scientist with broad based experience collecting, analyzing, and interpreting datasets and building data intensive applications. Experienced in predictive modeling, natural language processing, image analytics. Possessing extensive analytical skills, a strong attention to detail, and a significant ability to work in team environments.

Functional areas

- Data scraping
- Data collection
- Data preparation
- Data cleaning
- Data wrangling
- Data analysis
- Data visualization
- Data modelling
- Parameters Tuning
- Deployment

Technical skills

- **Python** – Pandas | NumPy | Matplotlib | Seaborn | Scikit learn | Exploratory Data Analysis (EDA).
- **Data Analysis** – ETL | Data Munging | Handling Missing Data.
- **Statistical Analysis** – Regression | Classification | Clustering | ARIMA | SARIMAX.
- **Machine Learning** – Supervised Learning models | Unsupervised Learning Models.
- **Deep Learning** – ANN | CNN | RNN | LSTM | NLP.

Internship Projects

The Sparks Foundation

Role – Data Science and Business Analyst Intern August 2022 to September 2022

- Developed a regression model to examine or forecast a student's grade using various Regression models.
- Implemented analysis and visualization that increased performance by 10%.

NSIC Technical Service Centre

Role – Training on Python with ML

July 2022 to August 2022

- Built a forecasting model to predict NSE TATA's Beverages stock price by using LSTM. Techniques used: Python, Many-to-one LSTM, ARIMA.

Projects

1. End-to-End Flight Fare Prediction

- Developed a regression model to estimate the expense of a flight journey, and used Randomized Search CV for tuning the hyperparameters, with the help of which the accuracy is increased by 2%.
- The updated model is deployed as a web-based application using Flask web framework.

2. Fake News Classifier

- Build a Classification model to classify fake news from legit news using NLP and Passive Aggressive algorithm.
- Implemented various analysis on the text dataset using NLP to gain insights from the data, which helped to increase the accuracy by choosing the best model.

Education

- Graduation (BE Computer Science (AI & ML))- [96%] from Annamalai University, ongoing.
- Intermediate (12th)- [87%] from Anna Gem Science Park School in the year 2019.
- Highschool (10th)- [93.4%] from Anna Gem Science Park School in the year 2017.

Certifications

- [NPTEL: Social Network Analysis](#)
- [NPTEL: Applied Accelerated AI](#)
- [Coursera: Machine Learning – Advanced Learning Algorithms](#)
- [Coursera: Neural networks and Deep Learning](#)
- [Coursera: Improving Deep Neural Networks – Hyperparameter Tuning](#)