Drishya K P

Data Scientist

Email Address : drishyakp2002@gmail.com
Phone Number: +91 75610 87593
Current Address: Kannur
Linkedin.com
GitHub.com

Objective

Results-driven and analytically skilled Data Scientist with a proven track record in developing and implementing quantitative trading strategies, risk models, and predictive analytics. Adept at leveraging data-driven insights to optimize decision-making processes in dynamic financial markets.

Professional Experience

IG Tradexellence Learning Ltd : Kozhikode   2023 October -Present
Data Scientist
Developed and implemented predictive models for stock market trends using APIs to analyze historical and real-time market data.Utilized machine learning techniques to enhance predictive capabilities, identifying patterns and trends for informed decisionmaking.Implemented and optimized algorithmic trading strategies, leveraging market data to make informed and strategic trading decisions

Skills

- **Programming Languages:** Python, R, SQL, Java, C, C++

- **Statistical Analysis:** Descriptive statistics, Inferential statistics, Hypothesis testing

- **Machine Learning:** Supervised learning (classification, regression), Unsupervised learning (clustering, dimensionality reduction), Ensemble methods (e.g., Random Forest, Gradient Boosting), Neural networks and deep learning

- **Artificial Intelligence:** Natural Language Processing (NLP), Reinforcement Learning, Tensorflow

- **Data Analysis and Visualization:** Pandas for data manipulation, Matplotlib and Seaborn for data visualization, Power BI for dashboard creation

- **Data Cleaning and Preprocessing:** Handling missing data, Outlier detection and treatment, Feature scaling and normalization

- **Big Data Technologies:** Hadoop , Spark

- **Database Management:** Relational Databases (MySQL, PostgreSQL), NoSQL Databases (MongoDB)

- **Data Wrangling:** Extract, Transform, Load (ETL) processes,Cleaning and preparing data for analysis

- **Optimization and Model Evaluation:** Cross-validation, Hyperparameter tuning, Model evaluation metrics (e.g., accuracy, precision, recall, F1 score, ROC-AUC)

- **Problem-solving and Analytical Skills:** Critical Thinking,Problem-solving Techniques,Analytical Skills

- **Collaboration Tools:** Jupyter Notebook

- **Communication Skills:** Ability to communicate complex findings to both technical and non-technical stakeholders, Effective visualization and storytelling

Professional Certification

Master in Data Science   Oct 2022 - Apr 2023
SMEC Technologies Kaloor

Education

Master of Computer Appliaction   2023- present
Indira Gandi Open Univeristy

Bachelor of Computer Science   2019 - 2022
kannur University

Language

English(fluent), Malayalam(Native), Hindi(Fluent)

Project

Emotion Detection Using NLP
The detection of emotion in speech through data analysis

Attendance Using Face Recognition
An attendance marking system through face recognition

Sign language Recognition
Sign language recognition system using machine learning

Personal details

Nationality : Indian
DOB: 23 / 08 / 2002
Gender : Female
Marital Status: Unmarried
Chellan House
Neruvambram Chengal
Kannur Kerala India
Pin - 670303

Declaration

I do here by declare that all the above mentioned information are true to the best of my knowledge.

Kannur   **Drishya KP**