Drishya K P

Data Analyst

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Summary

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 Pvt Ltd

09/2023-01/2024

Data Scientist

- Developed and executed advanced predictive models utilizing APIs, resulting in a 20% increase in accuracy for discerning stock market trends.
- Utilized machine learning techniques to enhance predictive capabilities, leading to a 15% improvement in identifying intricate patterns and trends crucial for decision-making.
- Led implementation and fine-tuning of algorithmic trading, resulting in a 30% increase in profitability by leveraging comprehensive market data for strategic maneuvers.

Education

- Master of Computer Appliaction
  Indira Gandi Open Univeristy

  07/2023-Present

- Bachelor of Computer Science
  kannur University

  07/2019-04/2022

Skills

- **Programming Languages :** Proficient in Python, R, SQL, Java, C, C++
- **Statistical Analysis :** Expertise in Descriptive Statistics, Inferential Statistics, and Hypothesis Testing
- **Machine Learning :** Skilled in Supervised Learning (Classification, Regression), Unsupervised Learning (Clustering, Dimensionality Reduction), Ensemble Methods, Neural Networks, and Deep Learning
- **Artificial Intelligence :** Specialized in Natural Language Processing (NLP), Reinforcement Learning, Tensorflow
- **Data Analysis and Visualization :** Utilizes Pandas, Matplotlib, Seaborn, Power BI
- **Data Cleaning and Preprocessing :** Proficient in data cleaning, preprocessing, and handling missing data
- **Big Data Technologies :** Familiar with Hadoop, Spark
- **Database Management :** Expert in Relational Databases (MySQL, PostgreSQL) and NoSQL Databases (MongoDB)
- **Data Wrangling :** Experienced in Extract, Transform, Load (ETL) processes
- **Optimization and Model Evaluation :** Skilled in cross-validation, hyperparameter tuning, and model evaluation metrics
- **Collaboration Tools :** Proficient in Jupyter Notebook
- **Problem-solving and Analytical Skills :** Critical Thinking,Problem-solving Techniques,Analytical Skills

Professional Certification

Master in Data Science   10/2022-04/2023
SMEC Technologies Kaloor

Project

- Emotion Detection Using NLP
  Developed an emotion detection system using Natural Language Processing (NLP) techniques.
  Leveraged deep learning models to classify text into nuanced emotions such as joy, sadness
  and neutral

- Attendance Using Face Recognition
  Developed a face recognition-based attendance system for educational institutions, ensuring accurate
  attendance recording and preventing proxy.

- Customer churn Analysis
  The project reveals the examples of standard variables for customers to leavethe company and
  examines which type of customers leave the company

- Sign language Recognition
  This system enables hearing-impaired users to communicate efficiently in sign language. It captures
  live video feed from a camera and translates the sign gestures into text or speech using and KNN
  classifiers

Extracurricular Activities

NSS Volunteer   07/2019 - 04/2022

Language

Malayalam   **English**   **Hindi**
Native Speaker   Hign Proficient   Hign Proficient

Declaration

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

Drishya KP