VIRAJ KADAM

Technology Lead | Passionate Learner & Educator

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Workshop Proposal

Algorithmic Stock Trading Bot

We are here to present a new and advanced topic for our young minds, a topic of interest, curiosity, and out of this world.
We will learn and implement tasks impossible to human capabilities: **Algorithmic Stock Trading Bot.** We are going to learn how it's done, hands-on experience and highly expert guidance will make it simpler and fun to learn.

Introduction to quantitative analysis

Quantitative Analysis (QA) is a technique that uses mathematical and statistical modeling, measurement, and research to understand behavior. Let's learn how numerical values are churned and used to make precise decisions on the stock market.

Cloud Computing

Oppose to On-Premise deployment architecture cloud offers more advantages. Scalability and flexibility are the main advantages of the cloud, and we are going to learn how it's done.
With top global organizations adopting and harnessing the power of the cloud, skilled cloud professionals are in high demand, now more than ever.

Relevance to computer science students

As a computer science student he/she goes through detailed learning of programming concepts, and problem-solving using probability and statistics. Utilizing the same concepts and enhancing their core knowledge is the motive behind this advanced topic.

Workshop Topics

Topic	Workshop Day
Introduction to the stock exchange, digital exchange, and brokers	Day 1
Introduction to brokers, candles, trades and its positions	Day 2
What is a quantitative analysis of stock, indicators, and strategies	Day 3
Analyzing and utilizing indicators. Coding trading bot.	Day 4
Learning about cloud computing, virtualization, and auto-scaling	Day 5
Practical implementation and trading bot deployment on cloud	Day 6

Workshop Package

- **Topics Covered:** AlgoTrading Bot + Cloud Computing
- **Workshop Duration:** 6 Days (Mon to Sat)
- **Practical:** By Resource Person and Students
- **Minimum Students Required:** 30
- **Student Eligibility:** Third Year Diploma / Third Year Engg / Last Year Engg
- **Package Fees:** 6,000 per student

Resource Person

Name: Viraj Kadam
Qualification: BE Computer Science
Profession: Technology Lead at Kotak Mahindra Bank, Mumbai.
Area Of Expertise: Product Development, Software Architecture Designing
Achievements: Startup tech consultant and Guest lecturer on advanced technologies.
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