

For Grade - 12th



Presented by Al imtehaan



Learn From The Best!!



Powered by



Powered by APTCODER



Course Outline

Review and Reinforcement

- Review of 11th grade syllabus and expectations
- Data structures: graphs, heaps, and hash tables
- Advanced sorting algorithms: radix sort and bucket sort
- Dynamic programming and memoization



Database management systems



django

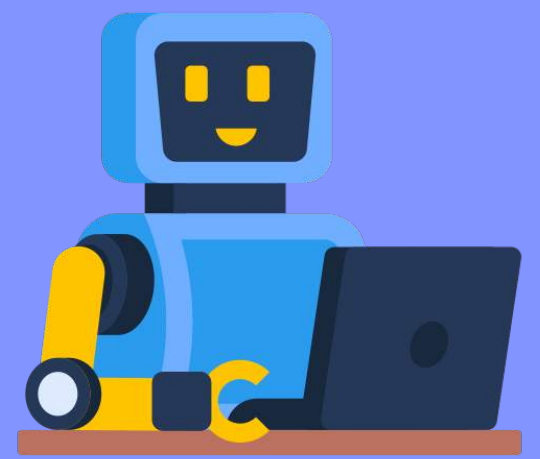
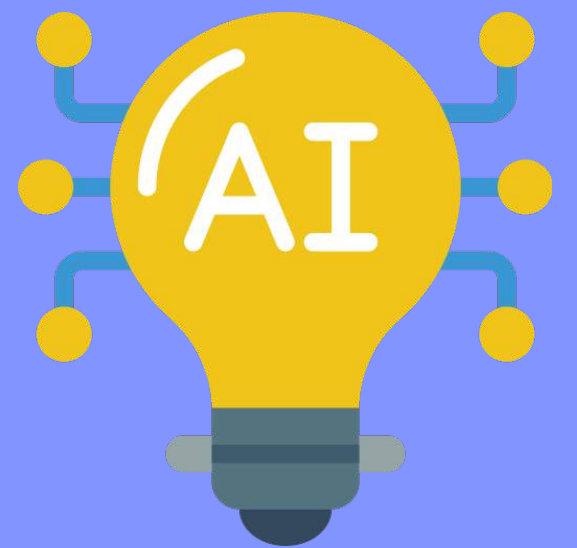


- Introduction to cloud computing and AWS
- Web development frameworks: Flask and Django
- Building RESTful APIs with Flask and Django
- Full-stack web development with MERN stack

Course Outline

Artificial Intelligence and Deep Learning

- Advanced deep learning and neural networks
- Understanding the applications and implications of artificial intelligence
- VPN and how to create a VPN
- Cybersecurity best practices and strategies



Cybersecurity laws and regulations

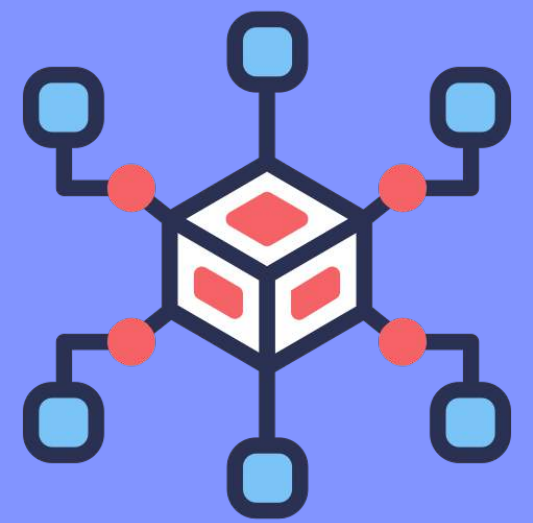


- Introduction to data mining and machine learning
- Unsupervised learning: clustering and anomaly detection
- Decision trees and random forests
- Support vector machines and kernel methods

Course Outline

Blockchain

- Blockchain Applications
- Token Economics
- Blockchain Security
- Future of Blockchain



Entrepreneurship



- Convert your skills to a business
- Monetization of coding skills
- Marketing yourself and your business
- Global entrepreneurship and cross-cultural communication.



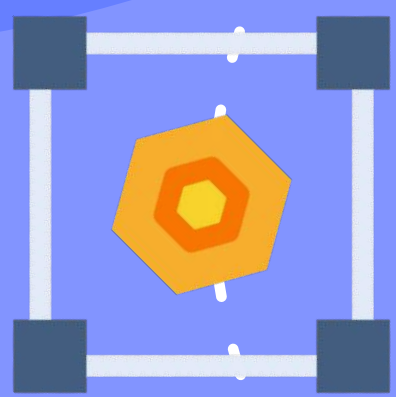
Presented by Al imtehaan

Artificial Intelligence

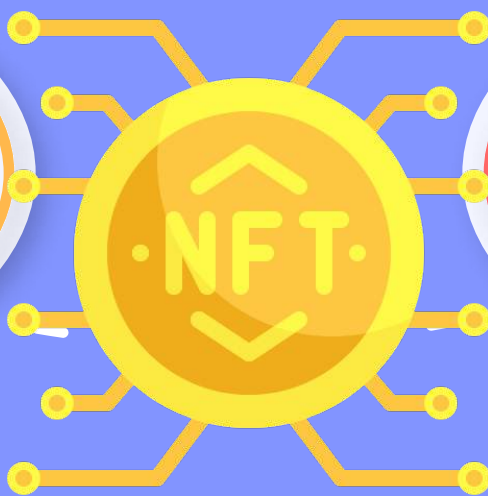


Cyber Security

Learning Outcomes



Blockchain



NFT

Key Points

Build REST APIs and websockets



Create advanced neural networks



Build interactive chatbots



Convert your coding skill into a business

