Advanced Topics In Computer Science

8:45 AM - 10:15 AM: Session 1: Artificial Intelligence

Introduction to artificial intelligence and its subfields.
Hands-on workshop on implementing AI algorithms and techniques.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Machine Learning and Data Mining

Overview of machine learning and data mining techniques.
Practical session on applying machine learning algorithms to real-world datasets.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computer Vision

Introduction to computer vision principles and applications.
Practical exercises on image processing, object detection, and recognition.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Cybersecurity

Discussion on cybersecurity threats and defense strategies.
Case studies on cyber attacks and incident response.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.
Certificate Issue

5:30 PM: Workshop Concludes