ACM AI Workshop Syllabus

Timeline:

Phase1: 8:00 AM till 11.30AM
Facebook Developers Group and Akram Presentation: 11:30AM till 12:30PM
Lunch: 12:30PM till 1:00PM
Phase2: 1:00PM till 3:00 PM

Phase1:

Topic Name	Description	Time Slot	Shivam	Vinit	deadlines
Introduction(Theory)	Supervised, Unsupervised and reinforcement learning ML, deep learning, AI, tensorrflow, python, online courses avbl	1	Ml vs AI Deep learning Unsupervised Introduction Neurons Dataset Preprocessing	Supervised Reinforcement learning Python online courses material avbl Activation functions	7
Supervised Learning	Linear Regression, perceptron, backpropagation, decision tree	1	Linear regression, example linear regression	Perceptron backpropagation, introduction digits rcog decision tree	8
Unsupervised Learning	K means clustering, Self-organizing map, ,Hierarchical clustering	30 min	K means clustering, Self-organizing map, decision tree ,Hierarchical clustering		9
Reinforcement Learning	Introduction to RL	30 min	RL		9