**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:

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| 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, | 1 | Linear regression,hebbs rule, example linear regression | Perceptron backpropagation, introduction digits rcog | 8 |
| Unsupervised Learning | K means learning,decision tree | 30 min | K means | decision | 9 |
| Reinforcement Learning | Introduction to RL | 30 min | RL |  | 9 |