

# Week 8-Session 2: Outline

## 1. [Before Break: 60 mins] Theory on MDP

- a. [20 min] {[1\\_W8S2\\_MDP\\_SimipleWithSol.pdf](#)}
- b. [40 min] {[2\\_W8S2\\_MDP.pdf](#)}
  - 1. [5+5 min] (1)
  - 2. [20+10min] (2)

## 2. [After Break: 50 mins] Discussion & Code

- 1. [10 mins] One similarity & one difference between HMM and MDP
- 2. [40 mins] Code Exercise
  - a. [10 min] MDP - {[W8S2\\_Code\\_MDP.pdf](#)}
  - b. [20 min] Explore the code  
Change the number of bin for discretization of continuous features
  - c. [10 min] Discussion, Q&A, closing