Week 4-Session 1: Outline

- 1. [Before Break: 50 mins]
 - a. Lecture [10 min] Q&A
 - **b.** [40 min] EM problem 1 {1_W4S1_EM1_A.pdf}
 - i. [5 mins] think about how to do it
 - ii. [35 mins] Go over [1_W2S1_EM1_B_SimpleProblemsolution.pdf]
- 2. [After Break: 60 mins] GSP: Code
 - a. [20 min] Student practice with the same type of problem
 - i. [15 min] isomorphic on mu estimation: {2_W4S1_EM2.pdf}
 - ii. [5 min] Share the answer (Q&A)
 - **b.** [30 min] Explore EM-GMM programming

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{3_W4S2_Code_EMGMM/EMGMM_demo.ipynb}
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- i. {10 min] Student Explore & Code explanation
- ii. [15 min] Student explore the working code
- iii. [5 min] Share what you found
- c. [10 min] Q&A, closing

