# Week 4-Session 2: Outline

1. **[Before Break: 60 mins]**
   a. [30 min] EM problem 3 {1_W4S2_EM3.pdf}
   b. [30 min] GMM problem {2_W4S2_GMM.pdf}

2. **[After Break: 50 mins] Code Exercise**
   a. [40 min] EM-GMM vs. K-means {3_W4S2_Code_Clustering}
      i. [15 min] Code Explore & explanation
      ii. [25 min] Explore the parameters and answer the questions
   b. [10 min] Q&A, closing

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