Week 7-Session 2: Outline

1. **[Before Break: 60 mins] Theory on HMM**
   a. [5 min] Lecture Q&A
   b. [45 min] HMM theory and Exercise {1_W7S2_HMM-Theory.pdf}
      i. [15(5) min] (1)-(2)
      ii. [15(5) min] (3) -(4) 1st and 2nd lines
      iii. [15(5) min] (4), (5)
   c. [10 min] RNN,. LSTM, vs. GRU & Running the code Before the break
2. **[After Break: 50 mins] Code Exercise**
   a. [10 min] Code explanation, Differences among RNN, LSTM, GRU
      {2_W7S2_Code_RNN_Compare.pdf;
       2_W7S2_Code_RNN_Comparison}}
   b. [30 min] Compare the results & Discussion
   c. [10 min] Share the discussion, Q&A

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