

Information Theory — Tutorial 4

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1. **Reflection (*this question is compulsory*):** As we finish the first section of the course and move on to noisy channel coding, how is your understanding? Review the course and tutorial notes so far and come up with at least one question that you have about the material. Email your question(s) to `i.murray@ed.ac.uk` *before the day of your tutorial*.
2. **Inference and prediction:** MacKay Ex. 3.12 and Ex. 3.14, p58. Also, if you didn't do it last time: Solve MacKay Ex. 3.1, p47, and work out the probability that the next outcome is a '1' given the sequence that you have observed.