

PGT Exam Performance Feedback

2018/2019 Semester 1

COMP61011 Foundations of Machine Learning

Gavin Brown

Comments Average on the exam overall was 66%
MCQ average was 65%, written part 67%.

Q1. About half the class could draw the boundary correctly Q2. Almost all the class got full marks on this, describing the cross-entropy correctly.

Q3. About a quarter of the class could correctly derive a gradient descent step. Quite a few got mixed up thinking 0.1 was the distance b had to change by. In fact 0.1 is the multiplier on the negative gradient.

Q4/5/6 on bayes theorem and entropy was answered well, most people got this right.

Q7 on the decision tree - almost all the class missed the fact that this is a multi-branch decision tree - since the feature from the previous question is categorical. A lot of people just said "split" the data, without defining how - i.e. using information gain.
