Study Guide Machine Learning (Part 2, Deep Models)
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General Tips:
- Refer to advice from ML1.
- Focus on terminology, basic concepts, and performing simple calculations without a calculator.
- Be ready to describe key methods and workflows in your own words.

A few example exam questions:

Session 1:
-    What factors have contributed to the success of deep learning?
-    How many parameters does this (linear) model have?
-    Given an input feature vector, calculate the output.

Session 2:
-    Describe MLP. What is the difference from linear models?
-    What is SGD? What is the learning rate? How do we use it?
-    Given a snippet of code, describe how it works.

Session 3:
-    How CNNs work?
-    Given an input and filter, calculate the output of convolution.

Session 4:
-    Why do we use RNNs for text?
-    Describe how RNNs workflow.

Good luck with your preparation!