

Machine Learning - Week 3

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1 Motivations

1.1 Non-linear Hypotheses

1.2 Neurons and the Brain

2 Neural Networks

2.1 Model Representation I

2.2 Model Representation II

3 Applications

3.1 Examples and Intuitions I

3.2 Examples and Intuitions II

3.3 Multiclass Classification

在接下来的课程中，我们将会学习一个非常强大的非线性分类器，无论是线性回归问题，还是逻辑回归问题，都可以构造多项式来解决。你将会逐渐发现还有更强大的非线性分类器，可以用来解决多项式回归问题，我们接下来将学会比现在解决问题的方法强大N倍的学习算法。