



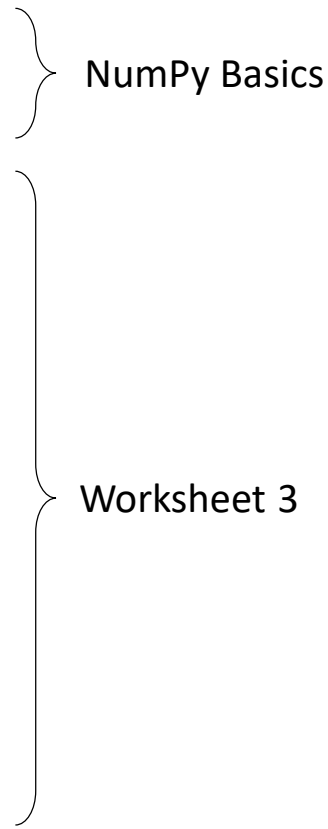
Workshop 3

COMP90051 Machine Learning

Semester 2, 2018

Learning Outcomes

At the end of this workshop you should:

1. Be familiar with basic NumPy functionality
 2. Be able to implement **regularised logistic regression** using a numerical optimisation solver
 3. Be able to apply **basis expansion** to turn logistic regression into a non-linear classifier
 4. Understand the purpose/effect of **L2 regularisation**
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- NumPy Basics
- Worksheet 3