

4 - Statistics and Machine Learning

November 30, 2015

1 NumPy

NumPy is the fundamental package for scientific computing with Python.

Installation instructions: <http://www.scipy.org/scipylib/download.html>

1.1 NumPy arrays

In []:

In []:

2 PyPlot

PyPlot provides a MATLAB-like plotting framework on top of NumPy. It is part of matplotlib package

Installation instructions: <http://matplotlib.org/users/installing.html>

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3 Pandas

Pandas is an open source, BSD-licensed library providing high-performance, easy-to-use data structures and data analysis tools for the Python programming language.

Installation instructions: <http://pandas.pydata.org/pandas-docs/stable/install.html>

In []:

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4 Exercise: classification of last 12-month claim data records

In []:

In []:

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