

# Introduction to Machine Learning - COS 324

## Programming Assignment 2

*Due date: 11:59:59pm on 7<sup>th</sup> Nov. Electronic submissions only.*

### IMPORTANT:

1. Consulting with other students from this course is allowed. If you do so, clearly state whom you consulted with for each problem separately.
2. Searching the internet or literature for solutions is **prohibited**.

In this assignment, we'll predict house prices in Boston using Gradient Descent. You can choose one of two modes.

- (Recommended) Jupyter Notebook - Download [regress-q.ipynb](#)
- Python file – Download [regress-q.py](#) and also [regress-q.pdf](#) to see the L<sup>A</sup>T<sub>E</sub>X.

Each file contains instructions on how you must proceed. Here is a useful summary: there are 18 action prompts (16 usual ones and 2 bonus). Each action prompt is marked with a sequence number and the token **ACT**. Each prompt is answerable in 5 lines of code or less – most requiring a line of code.

You're required to submit the file (.ipynb or .py) to the course dropbox.