

CS 6316

Homework 1: Review of Basic Math/Probability

Due date: September 1, 2017

OBJECTIVE:

- Reviewing background on general math/probability and programming

QUESTIONS:

Problems are from the textbook (“*Predictive Learning*”) Chapter 1 – available on Collab Resources (if you don’t have the textbook yet)

	<u>Points</u>
1. Problem 1.2 *	25
2. Problem 1.3	10
3. Problem 1.4	15
4. Problem 1.7	30
5. Problem 1.13	20

* An additional reference is `numpy.polyfit` if you prefer to program in Python [<https://docs.scipy.org/doc/numpy/reference/generated/numpy.polyfit.html>]

GRADING:

- A maximum of **100 points** can be obtained on this homework assignment.

SUBMITTING:

- Submit on Collab
- Submit 1 **PDF** document as your homework
- You must work individually on this homework
- You may discuss this assignment (at a high level) with other students in this class, however you must write and submit your own work
- Your submitted homework must be typed
- At the top of your document be sure to include your name and computing ID
- The submission deadline is **11:30pm** on the date the assignment is due, mentioned above