

CSI 5325 Assignment 2

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Assigned: 1/30/2018; Due: 2/13/2018

Instructions

The instructions for this assignment are the same as for all assignments in this course; for details refer to Assignment 1. As a refresher: use L^AT_EX, make your document beautiful (proofread it!), use well-labeled figures to illustrate things, turn in a hardcopy and an email copy, and keep attachments small.

Graded problems (online)

- (10 points) Do the following Linear Regression problem on Kattis. Some extra credit will go to the student whose successful submission had the lowest score.

Graded problems (from the book)

Do the following exercises from your textbook. Do not just give your answers; show your work (in L^AT_EX) and explain/analyze your results.

- (10 points) Problem 1.12 – For this problem, you can assume that h is just a scalar value (it takes no input x). Consider using derivative calculus.
- (20 points) Problem 2.24
- (10 points) Problem 3.1

Ungraded problems

You are expected to know how to do these, but they will be ungraded.

- Problem 2.1
- Problem 2.11
- Problem 2.12