

Assignment Report

Homework 1: Regression

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Machine Learning: from Math to Code

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Remember to modify the information above.

The following will give you an overview of what you can do with this template.

Problem 1

Type your problem here.

Personally I recommend Mathpix (<https://mathpix.com/>), which can easily export your ProblemBook.pdf to L^AT_EX code.

Solution. Write your solution here.

Example of equations. $x + 1 = 2$. Or

$$x - 1 = 0$$

Example of a list of equations.

$$x = 1$$

$$y = 2$$

Example of a matrix.

$$\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

Example of a lemma.

Lemma. *This is a lemma.*

Example of a proof.

Proof. Write your proof here. □

Example of including a picture.



Example of referring to a piece of code.

```
1 print("Hello World!")
```

Example of a table.

	Mean	SD
Fall 2077	7.046512	1.714552
Fall 1977	9.102941	1.568919

Overall, this is a quite basic template for assignments, and above are only some basic features. I included enough packages and set a few environments. You may modify them or add features to fit your personal preference. Enjoy using it!