

# Reading Assignment 1

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## Abstract

Read Chapter 1 from Hands On Machine Learning with Scikit Learn and TensorFlow

## 1 Note Begins

Machine learning application was found a long time ago. The most well-known application is the spam filter.

"...before we set out to explore the Machine Learning continent, we will take a look at the map and learn about the main regions and the most notable landmarks: supervised versus unsupervised learning, online versus batch learning, instancebased versus model-based learning. Then we will look at the workflow of a typical ML project, discuss the main challenges you may face, and cover how to evaluate and fine-tune a Machine Learning system."

### 1.1 What is machine learning?

basically, computer *learn from data*. There's 3 components to this:

- E: experience
- P: performance
- T: task

One example is the email filter. You flag emails that are spams. Computer

Here is the text of your introduction. We use some Latin nonsense text to fill the paragraphs. This way the resulting document will look more like an actual scientific paper or so. Here is an equation:

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## 1.2 Subsection Heading Here

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## 2 Conclusion

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