Introduction To Machine Learning

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Introduction

Machine Learning (ML) is a field of study in artificial intelligence concerned with BLAH BLAH BLAH ... **OMG I KNOW MACHINE LEARNING IS, WHY DO YOU THINK I AM HERE?!!?**

If you couldn't tell from the cover, this is not your typical textbook. What you are about to read are my personal notes and a record of my journey into the fields of artificial intelligence and machine learning.

These notes are being compiled over time as I explore new concepts and experiment with various algorithms and techniques. This is an evolving, open-source resource that I share on GitHub for the community.

You can find the repository here: github.com/JoshuaSchell/Introduction-To-Machine-Learning. A PDF version of whatever horrific state I have currently left this project in will be provided and the Typst files used to generate this document are available there as well.

In the spirit of open collaboration, I encourage you to contribute. If you find errors, have suggestions, or want to add new content, feel free to submit issues or pull requests. This is a living document—a continuously updated diary of my learnings rather than a polished, final textbook. Maybe one day, with enough contributions, these notes will be turn into a *professionalish* textbook.

"BuT JOsh, WHY aRe YOu uSIng tyPST" you maybe crying into the empty void. I have used both LaTex and Markdown extensively, *note that I purposefully did not say well*, in the past and both have their pros and cons and a friend from college recommended typst to me, so I thought I'd try it out and use this project to learn Typst alongside my ML learning 🧙‍♂️🧙‍♂️🧙‍♂️