COGS 130 — Advanced Machine Learning Methods

Notes taken by Nolan Chai

Spring 2023

Contents

Preface

These are a collection of notes personally taken by me, specifically for readings and allotted content for UCSD's COGS 185 Advanced Machine Learning Methods taken in Spring 2023. These notes are not endorsed by the lecturers nor staff, and I have modified them (often significantly) over random periods of time. They may become nowhere near accurate representations of what was actually lectured, or written in the books, and are simply to aid in my own understanding. In particular, all errors are almost surely mine.

Notes are taken real time, and will be reviewed, updated, and revised within 48 hours of each lecture.

My other notes include:

- [Spring 2023] CSE 130 - Programming Languages with Nadia Polikarpova

- [Spring 2023] CSE 109 - Introduction to Programming Contests with Jingbo Shang

- [Spring 2023] CSE 291 - Introduction to Computing Education Research with Gerald Soosai Raj

- [Spring 2023] COGS 107A - Neuroanatomy and Physiology with Lara Maria Rangel

Note: Some of these notes are not yet updated

0   Introduction

Placeholder

Logistics

Placeholder

1   A Brief Overview

In this course, we'll be covering

1.0.1   Placeholder