# **CPE 486/586: Machine Learning for Engineers**

o1 Tools for Machine Learning Fall 2025

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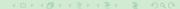
#### **Outline**

- 1. Command Line Tools and Linux
- 2. Python
- 3. Git and GitHub
- 4. Development Environment
- **5. Packages and Package Manager**
- **6. Jupyter Notebook**
- 7. Markdown
- 8. Latex
- 9. Other Notable Tools

### **Command Line Tools and Linux**



## **Python**



### **Git and GitHub**



### **Development Environment**



### **Packages and Package Manager**



## **Jupyter Notebook**

#### Markdown



#### Latex



#### **Other Notable Tools**



## The End