

# Semi-Supervised Learning

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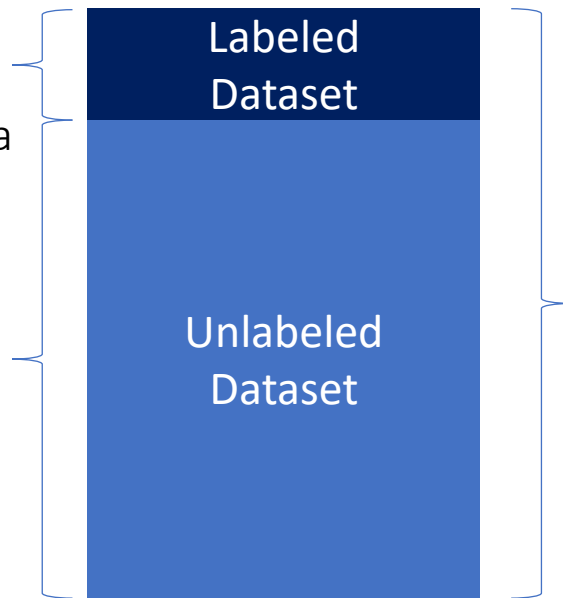
Problem

Approach 1:

Train Model only  
based on labeled data

Approach 2:

Label all unlabeled,  
then train model on  
complete dataset



Approach 3:  
Train Semi-supervised  
model!

# Semi-Supervised Learning

## Introduction

- labeled and unlabeled data is available
- usually small labeled dataset and large unlabeled dataset
- utilizes
- different algorithms available, e.g. Pseudo-Labeling

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## Pseudo-Labeling

