ML Concepts

Franing

- · What is ML?
 - learn how to combine input to produce useful predictions.
- Label (y)
 - the thing we're predicting.
- Features (x)
 - the thing we input to the model
- · Models
 - a model defines the relationship between $\vec{x} & \vec{y}$.

 or, mapping \vec{x} to \vec{y} ($\hat{\vec{j}}$).

 - S Regression - Straining: creating/learning the model. Claring the model to unlabeled examples. Classification
- · Regression & Classification.
 - R: continuous y.
 - C: discrete y

Descending to ML.

training => empirical risk minimization.

(oss => the penalty for a (bad) prediction.









