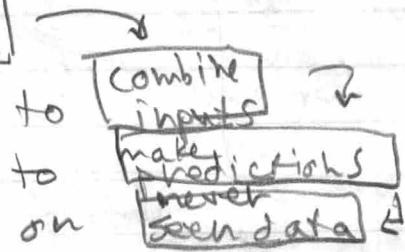


Google ML Crash Course

FRAMING

Supervised ML: learn to

create
models



Label is value we predict

Features is how we represent (input vars)

$$\{x_1, \dots, x_n\}$$

Examples are instances of data

Labeled (\vec{x}, \vec{y})

Unlabeled $(\vec{x}, ?)$

e.g. (email, {spam, not spam})

Models map examples to predicted labels.

They are trained from labeled examples

Then they infer: apply trained model
to unlabeled examples to predict labels

Regression vs. Classification models

↓
predict continuous
values

↓
predict discrete
values