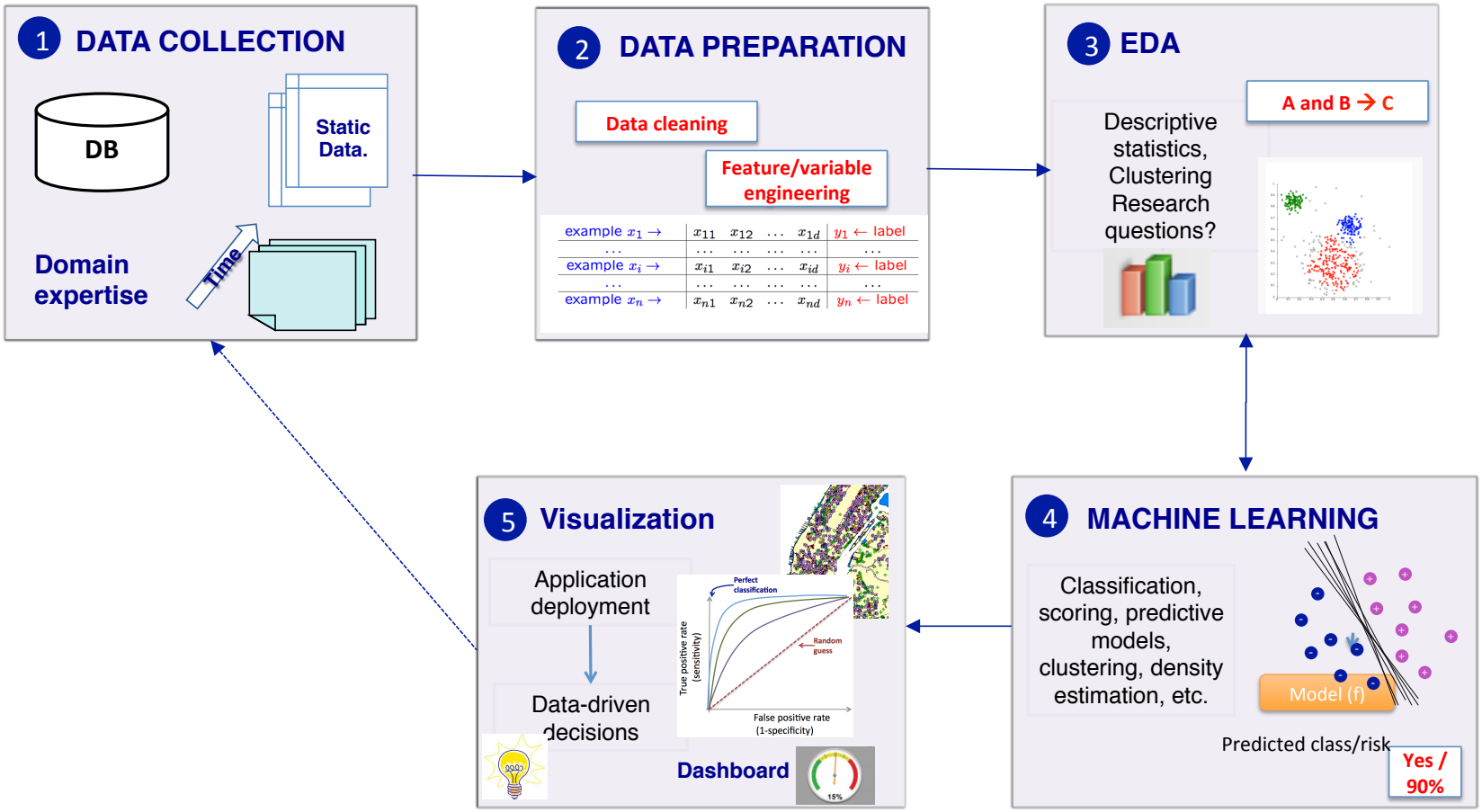
Machine Learning

Basic Concepts

aiphabet

Your AI Journey Starts Here

Learning From Data



©aiphabet, Inc.

Machine Learning Examples

Write a **program** to recognize if a Welsh corgi is a Pembroke or Cardigan.

Pembroke vs. Cardigan Welsh corgi

©aiphabet, Inc.

Machine Learning Examples

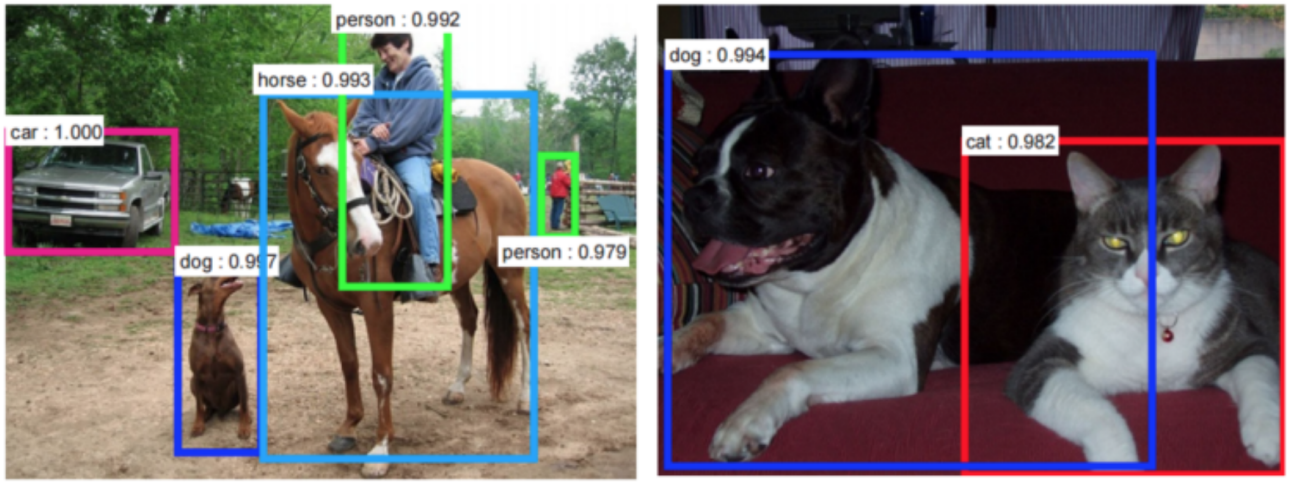
Write a **program** to recognize if a Welsh corgi is a Pembroke or Cardigan.

Pembroke vs. Cardigan Welsh corgi

Besides, input are two images of pixels.

©aiphabet, Inc.

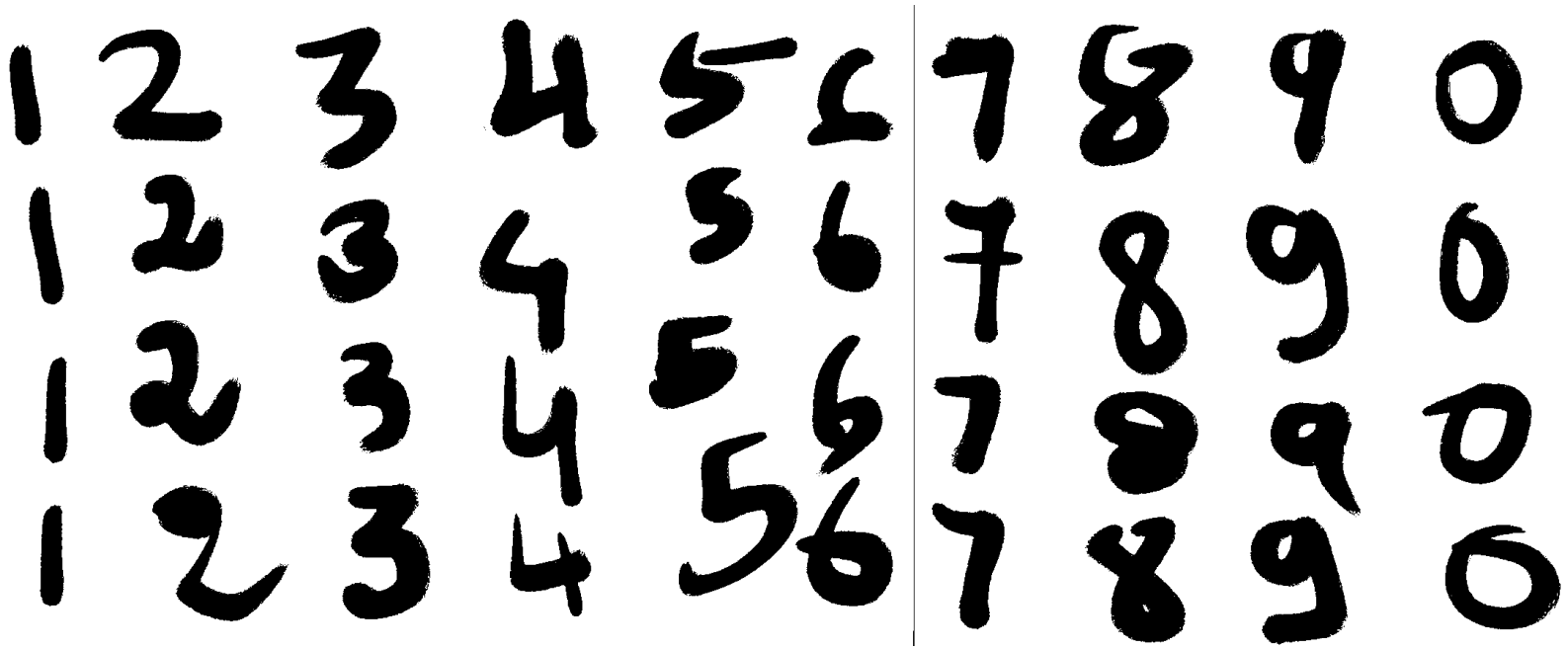
Machine Learning Examples



Object recognition

©aiphabet, Inc.

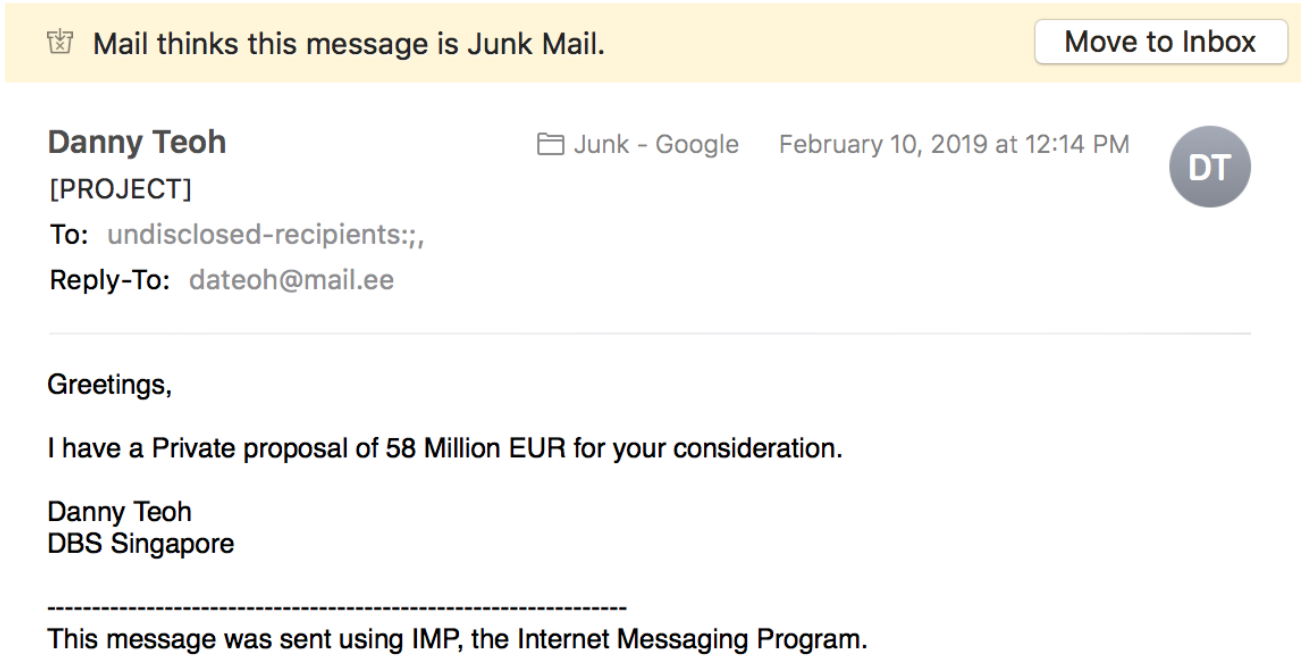
Machine Learning Examples



Digit recognition

©aiphabet, Inc.

Machine Learning Examples



Mail thinks this message is Junk Mail. Move to Inbox

Danny Teoh Junk - Google February 10, 2019 at 12:14 PM DT

[PROJECT]

To: undisclosed-recipients:;,

Reply-To: dateoh@mail.ee

Greetings,

I have a Private proposal of 58 Million EUR for your consideration.

Danny Teoh
DBS Singapore

This message was sent using IMP, the Internet Messaging Program.

Spam/non-spam

©aiphabet, Inc.

Machine Learning Definition

Build programs that learn from experience, without specifying the rules to solve the problem at hand.

1. Build algorithms that use data to learn how to make predictions or find interesting patterns.
2. Study different paradigms and algorithms of machine learning.
3. Analyze how good they are.

©aiphabet, Inc.