Machine Learning is Mostly Learning by Example

Primary technique for machine learning:
 ° **start with** a set of **labeled examples**,
 ° **train a model** to produce the labels, then
 ° **evaluate** using more labeled data.

As with humans,
 ° **biases** in data **and absences** of data
 ° **produce biased / partial models**.

Unlike humans, training is much more costly than evaluation, so **learning** is typically **not continuous**.