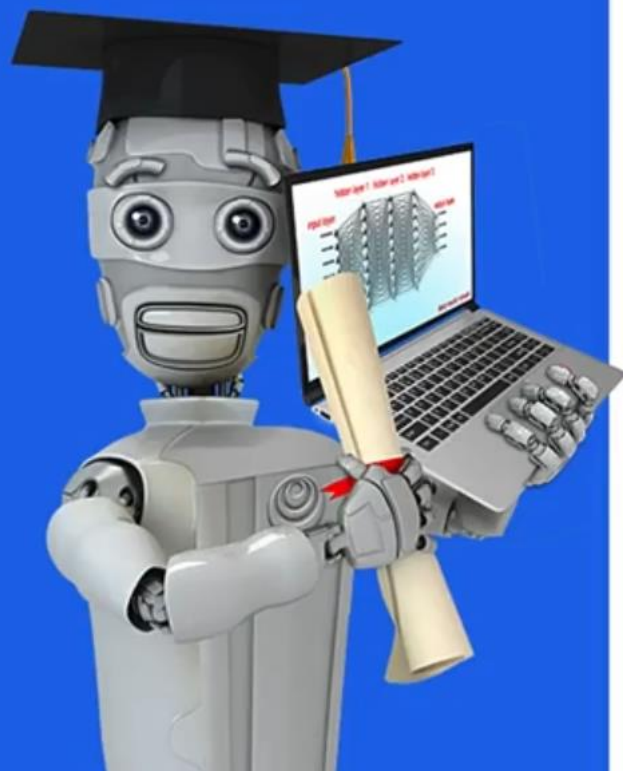


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Machine Learning Overview

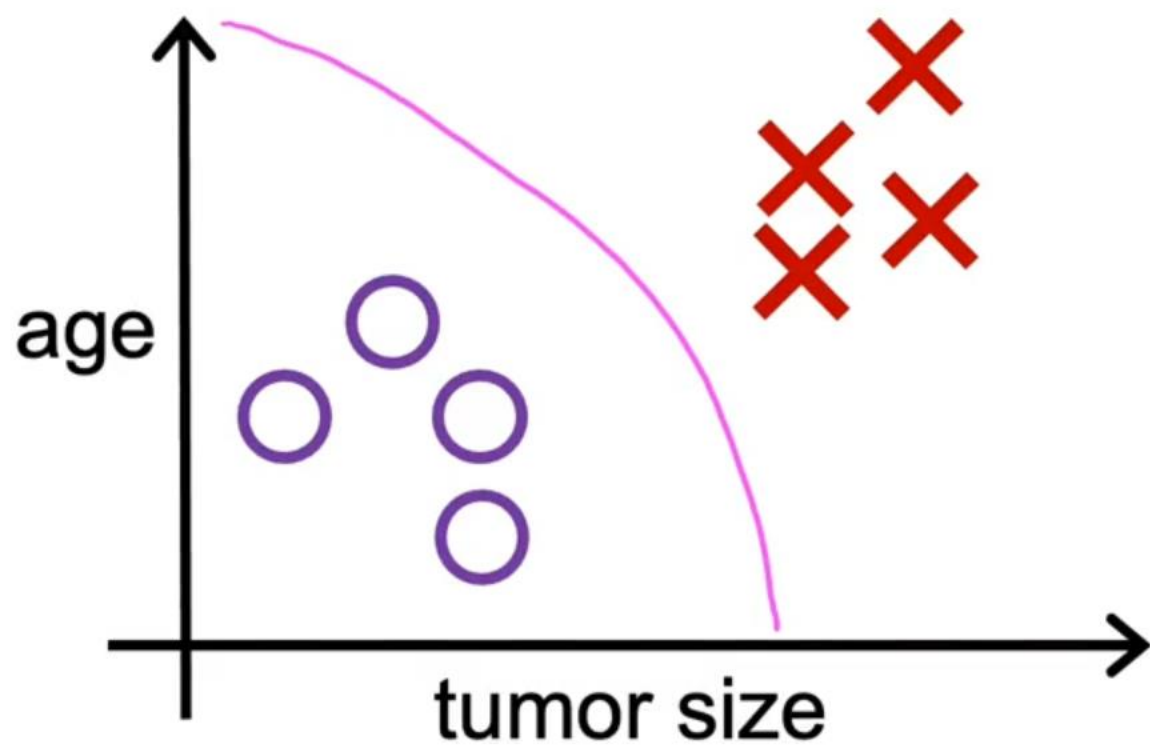
Unsupervised Learning Part 1

Previous: Supervised learning

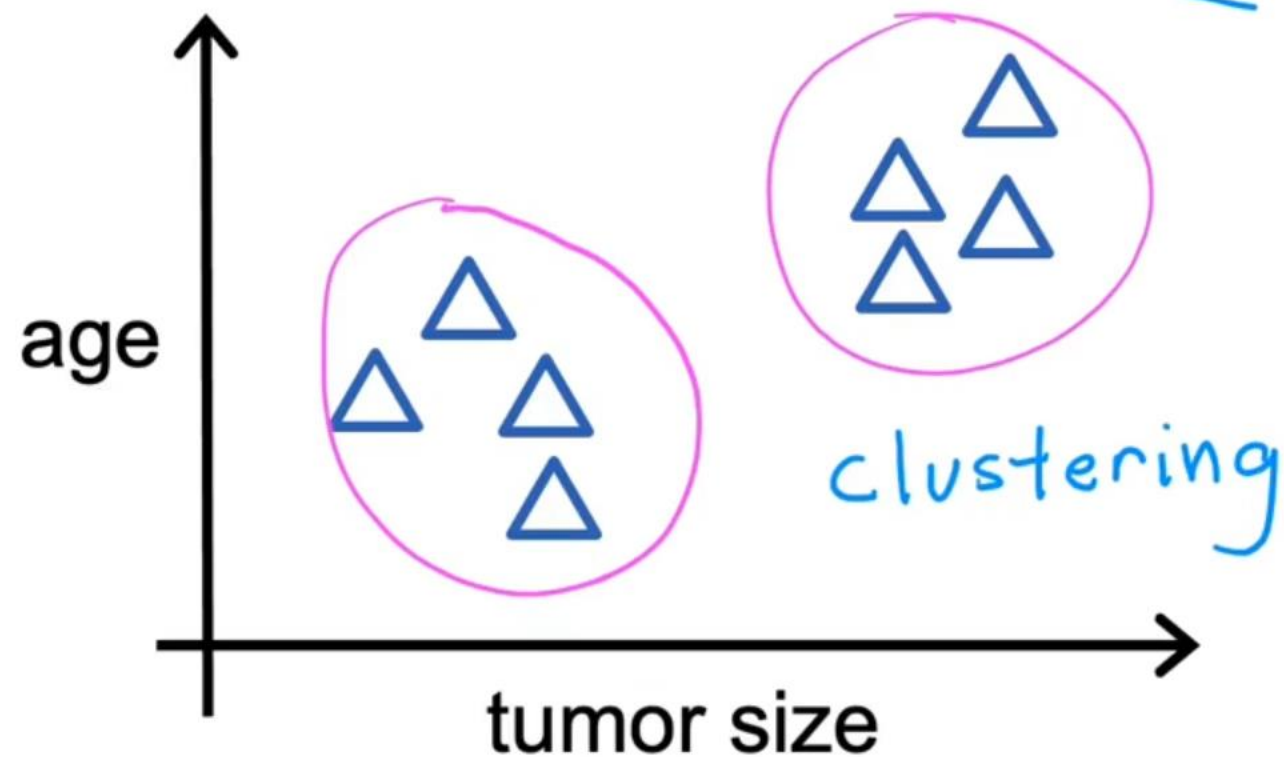
Now: Unsupervised learning



Supervised learning
Learn from data **labeled**
with the "right answers"



Unsupervised learning
Find something interesting
in **unlabeled** data.



Clustering: Google news



Giant panda gives birth to rare twin cubs at Japan's oldest zoo

USA TODAY · 6 hours ago



- Giant panda gives birth to twin cubs at Japan's oldest zoo

CBS News · 7 hours ago

- Giant panda gives birth to twin cubs at Tokyo's Ueno Zoo

WHBL News · 16 hours ago

- A Joyful Surprise at Japan's Oldest Zoo: The Birth of Twin Pandas

The New York Times · 1 hour ago

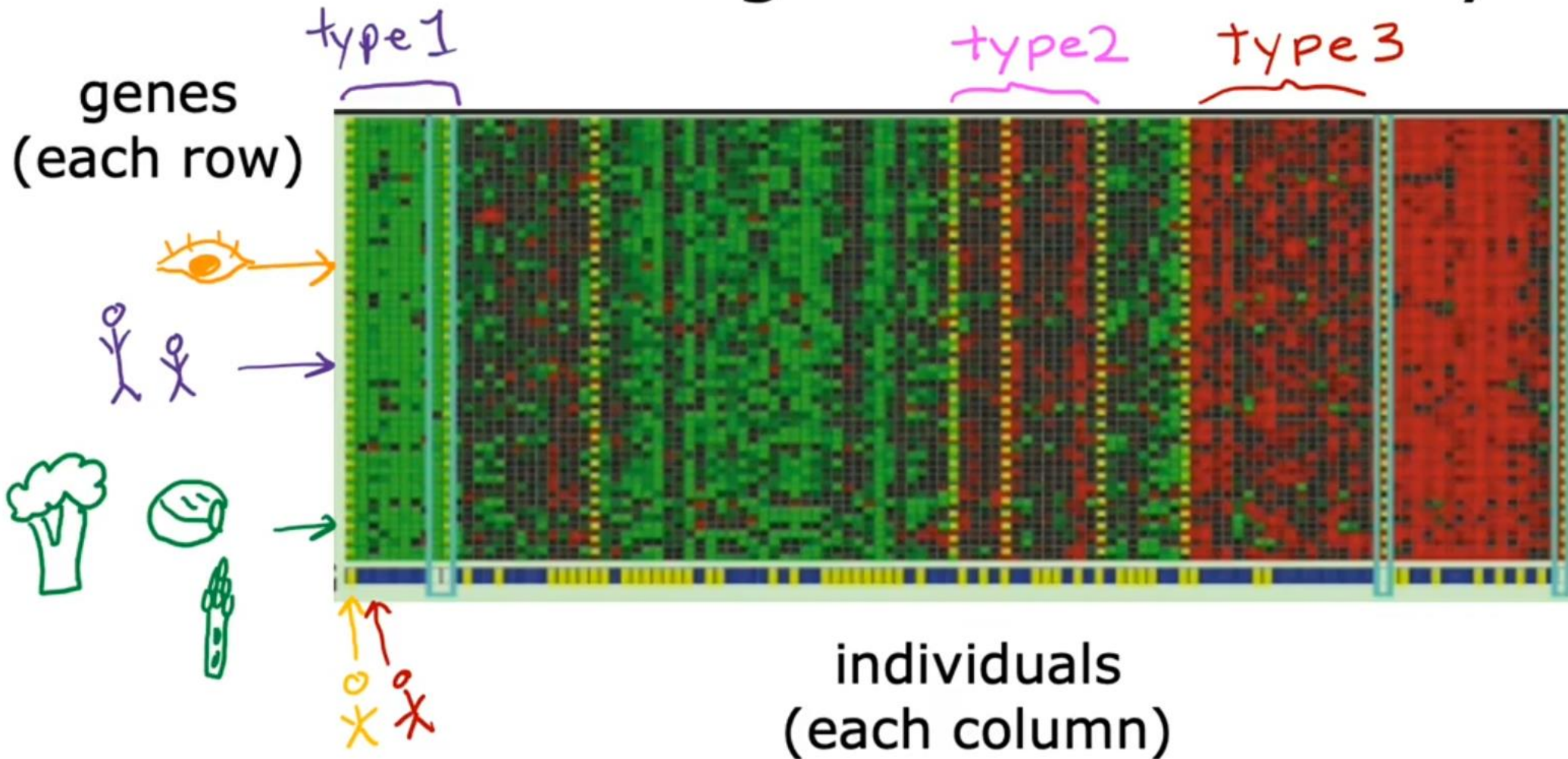
- Twin Panda Cubs Born at Tokyo's Ueno Zoo

PEOPLE · 6 hours ago

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Clustering: DNA microarray



Clustering: Grouping customers

