Supervised Learning Example
Cats vs. Dogs

- **2009 - world's most advanced computer can't tell a cat from a dog**
- **2012 - solved by Google *but* required 16,000 computers!**
- **2015 - Microsoft, Google beat humans at image recognition**
- **2019 - AI beats Stanford radiologists in chest X-ray diagnostics competition**

Unsupervised Learning Example

	Oppenheimer	Barbie	Dune	Interstellar	Indiana Jones and the Dial of Destiny	Blade Runner
User 1	4			5	1	
User 2	5	5	4			
User 3				2	4	5
User 4		1	2			
User 5		3				3