

# # 1.3 Supervised learning

Input	Output	Application
Home features	Price	Real Estate
Ad, user info	Click on ad (0/1)	Online Ad.
Image	Object (1, ..., 1000)	Photo tagging → CNN
Audio	Text transcript	Speech recog.
English	Chinese	Machine translation
Image, Radar Info	Pos. of other cars	Autonomous driving → Customized hybrid NN

→ Std NN

→ RNN  
↑ recurrent