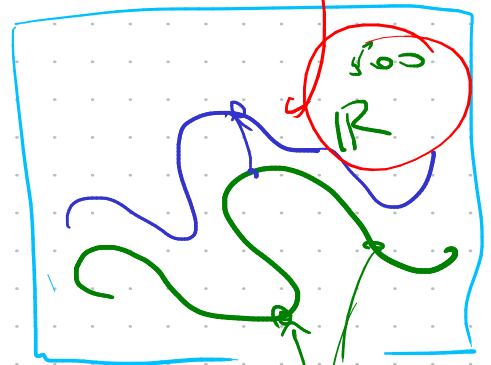


ML

Supervised learning

Unsupervised learning

representation learning



$$\bar{x} = \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_n \end{bmatrix} = y$$

$$D = \{(\bar{x}_n, y_n)\}_{n=1}^N$$

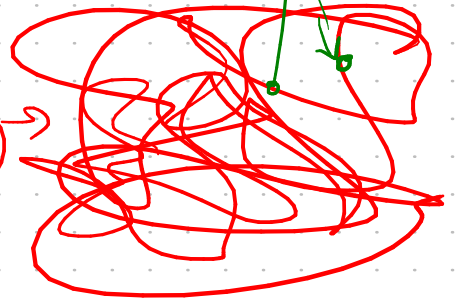


$$p(\bar{x}) \quad p(y|\bar{x})$$

$$D = \{(\bar{x}_n, y_n)\}_{n=1}^N$$

$$p(\bar{x})$$

$$\bar{x} \in \mathbb{R}^{3 \cdot 10^6}$$



Prüfer! A beam

neks	0.1
mpens	0.08
yttac	0.005

