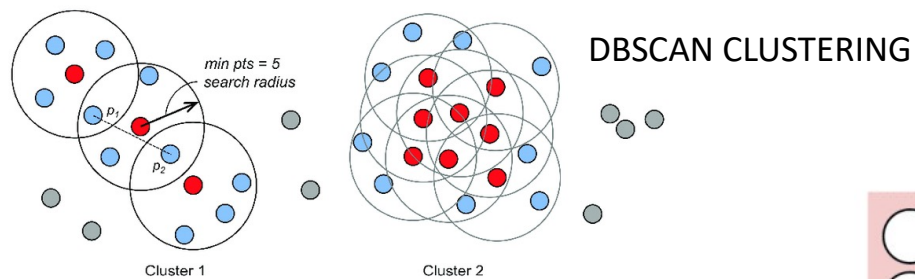


LATENT SPACE

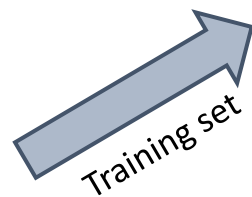
1	2	...	15	16
...
...
...
...



LABELLED DATASET

ID	E (keV)	PSD	LABEL
1	324	0.63	Neutron
2	546	0.45	Gamma
...
50000	837	0.71	Gamma

50,000 samples



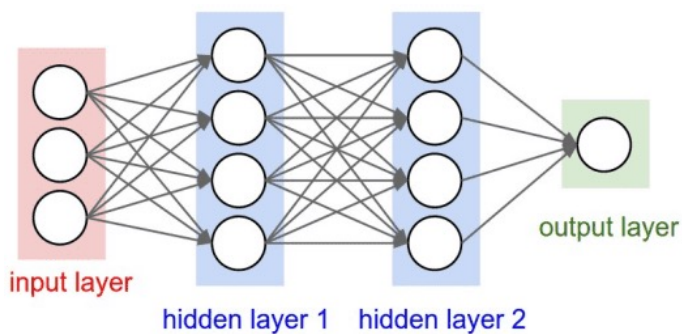
UNLABELLED DATASET

ID	E (keV)	PSD
1	324	0.63
2	546	0.45
...
millions	837	0.71

Millions of samples



LABEL PREDICTION



NEURAL NETWORK



LABELLED DATASET

ID	E (keV)	PSD	LABEL
1	324	0.63	Neutron
2	546	0.45	Gamma
...
millions	837	0.71	Gamma

Millions of samples