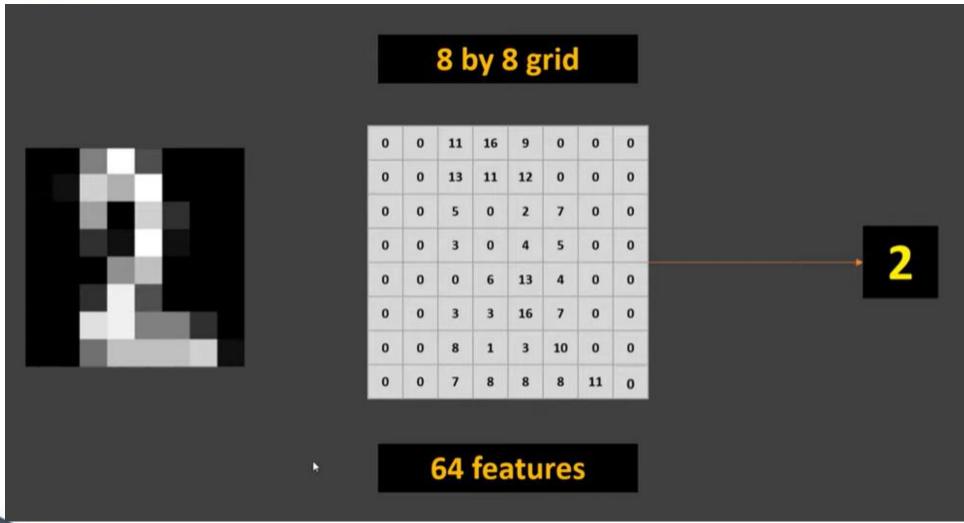


## Principal Component Analysis



town	area	bathroom	plot	trees nearby	price
monroe	2600	2	8500	2	550000
monroe	3000	3	9200	2	565000
monroe	3200	3	8750	2	610000
monroe	3600	4	10200	2	680000
monroe	4000	4	15000	2	725000
west windsor	2600	2	7000	2	585000
west windsor	2800	3	9000	2	615000
west windsor	3300	4	10000	1	650000
west windsor	3600	4	10500	1	710000









- 1. Faster training and inference
- 2. Data visualization becomes easier



## PCA: Principal Component Analysis

Is a process of figuring out most important features or principal components that has the most impact on the target variable







## Few things to keep in mind before using PCA

Scale Features
Before Applying
PCA

Accuracy might drop