Binciple of Component Analysis (PCH)
* Curse of dimensionality. To predict the frice of house dimensions (features) [1 f2 f1000] y
20f Sof 100t 250f 300f 1000f M1 N2 M3 My M5 M6 M9 Acc Acc Acc Acc Rsq = Acc Rsq = Acc Rsq Rsquare Rsquare Rsquare Rsq
The with interese in no. of features, after one point of time the Acc Requare will not increase in that proportion. Why? The few of features will be multicollinear.
Why? The effectures will be multicollinear. (fit213 ~ fy) Few effectures might be exactly same. fi - 1, 1, 1, 1,
> No variance information in feature (lettern (an not be Cophwed)
→ lot of duplicate enteries. → No business value.

Cure of dimensionality > with increase in number of feature
berformance et model degrades.
Execution Evaluation
time metrics
We is
Andogy
you want be louse.
you want to luy a bouse.
2BHK -> 60 Lakely
Droker
${3BHk} \rightarrow 1$
beach -> 19
Airport -> 11.
1 /
Grown %
model (model
to a politician >
house
Animal Shelter
Shelter 2
* Curse of dimensionality - with increase in no of feature
* Curse of dimensionality > with increase in no of feature the performance of model degrades.
The office of the state of the
To remove Curse of dimensionality
O feature Selection O feature Extraction
O 10 Mila entroubly
PCA (Dimensionality)
je huigue/
V