

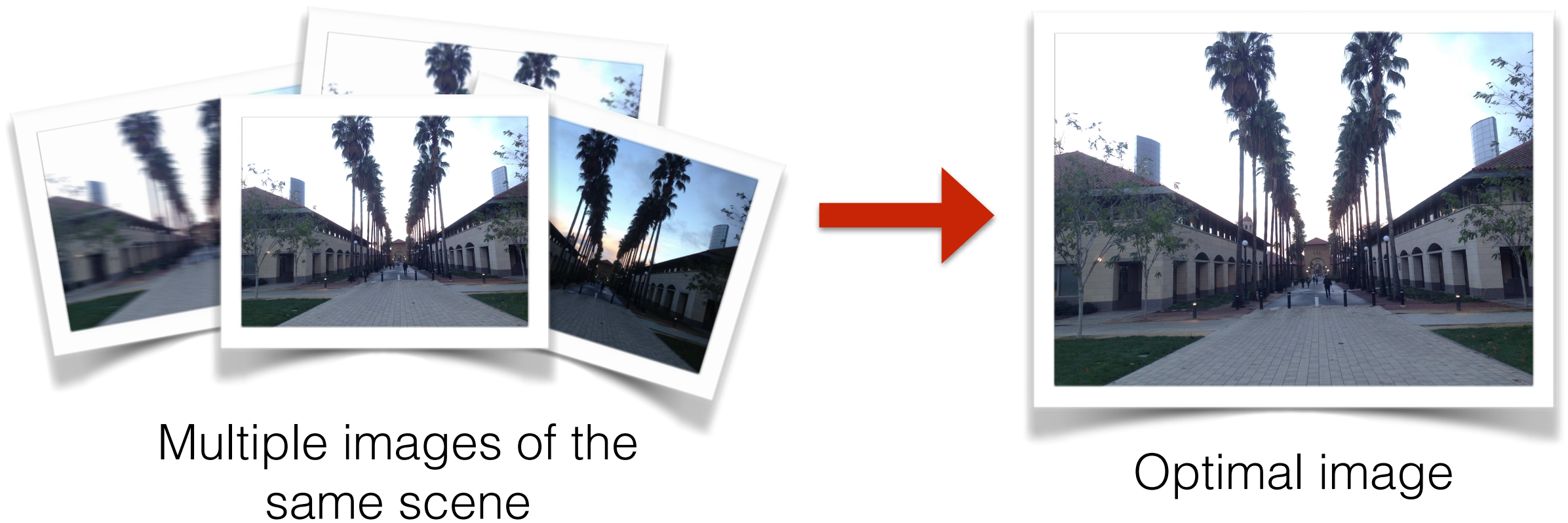
Violet

Optimal Image Selector

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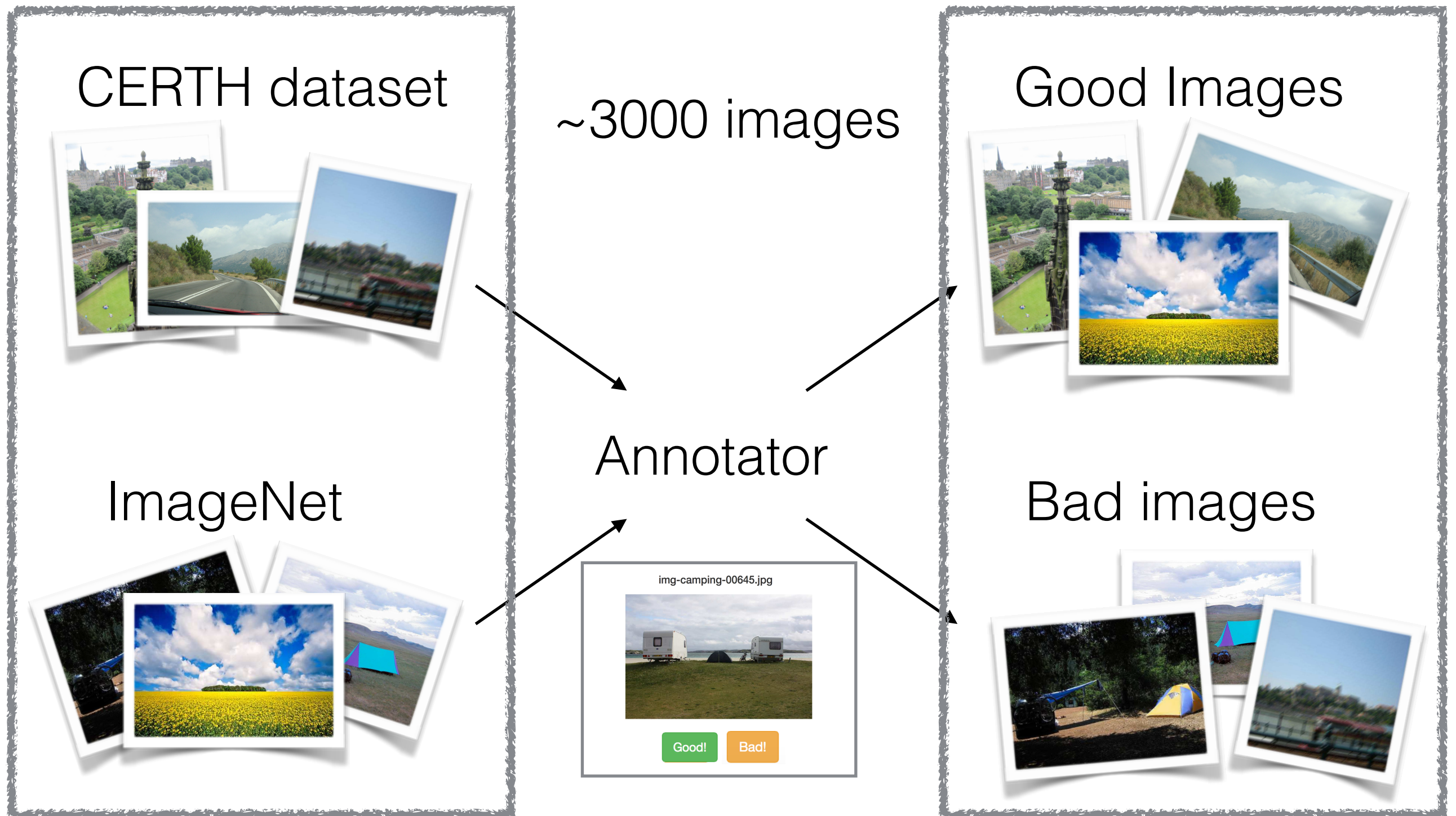
Motivation

Choosing the optimal image is a **time consuming process**

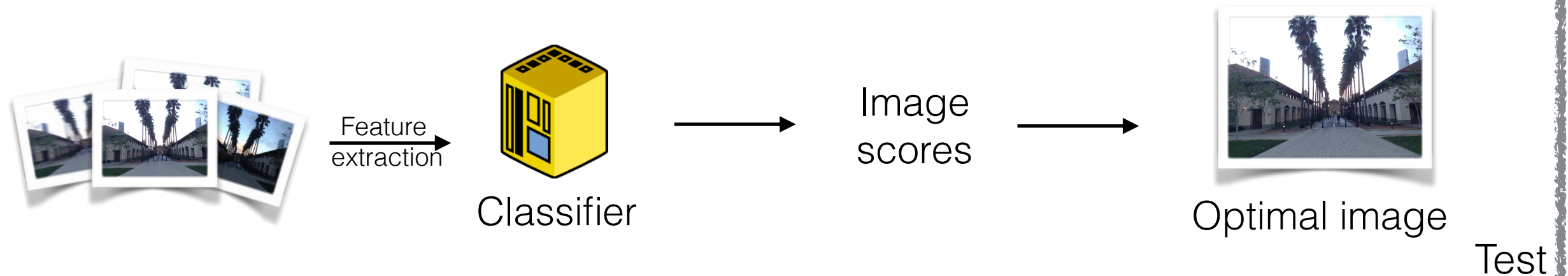
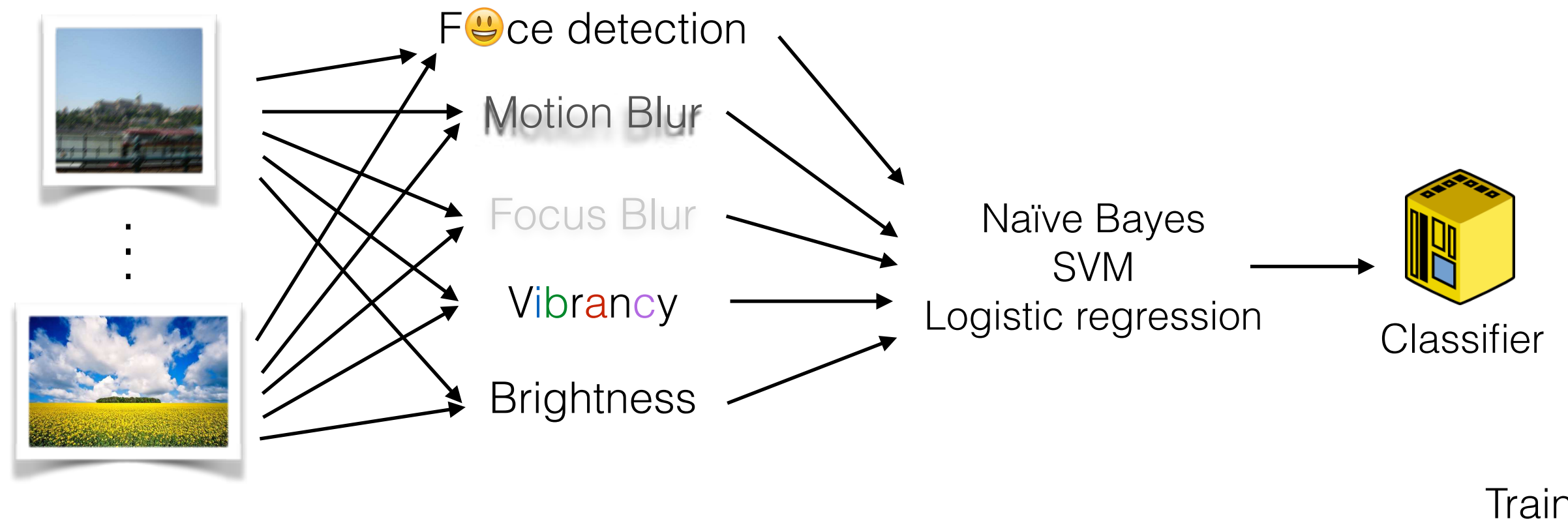


Solution: **Automate** the process!

Dataset



Implementation



Results

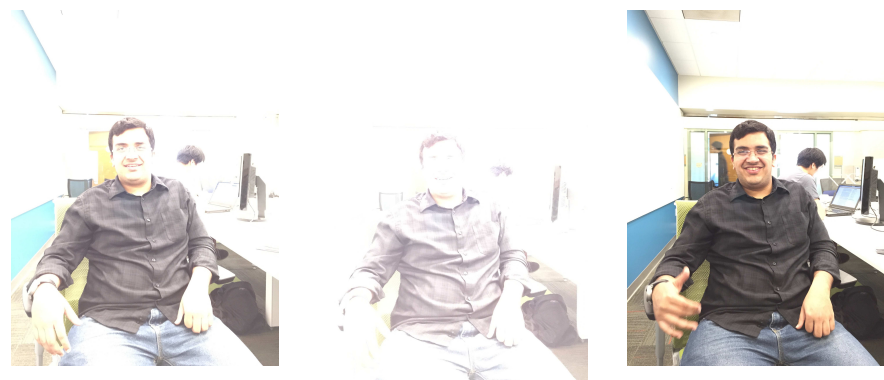
Strategy	Baseline			SVM		
Scores	Bad		Good	Bad		Good
	Precision	0.64	0.57	Precision	0.88	0.59
	Recall	0.80	0.36	Recall	0.64	0.86
	F1	0.71	0.44	F1	0.74	0.70
Features used	- Brightness - Blurriness			- Brightness - Blurriness - Reflection - Vibrancy		

Results

Input

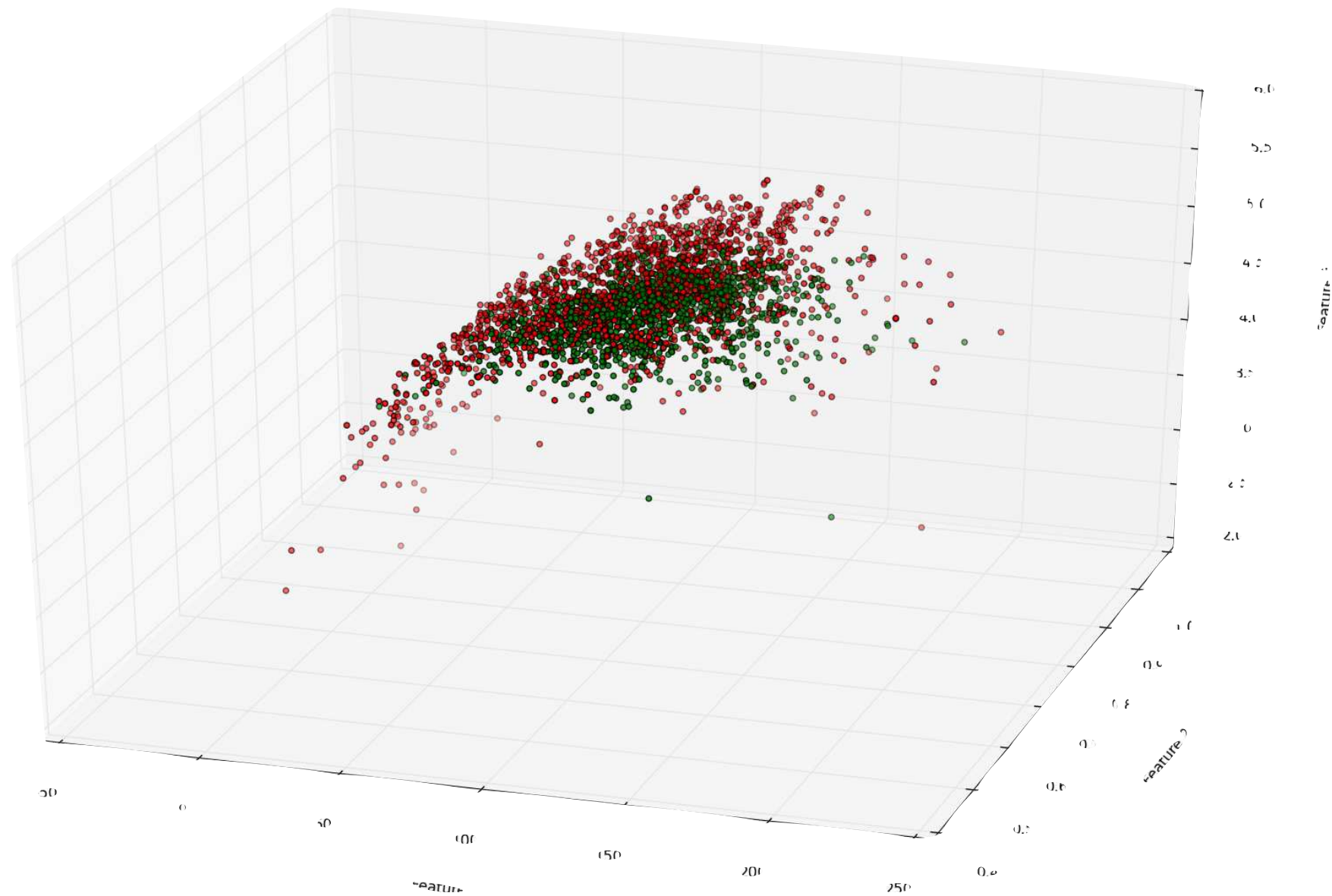


Output



Insight: Some features are not linearly separable

Results



Insight: Need more discriminating data

Questions?