

Decision Trees for Predicting

- You are conducting a job interview...
- You know 'predictors' of past interviewees and if they were 👍 or 👎
- How to structure the interview...



Depth

1



SAT
> 1200

Predictor

Decision Boundary

2

Y



Experience
> 5 yrs

N



Languages
> 3

3

Y



SAT
> 1000

N



Experience
> 5 years

Y



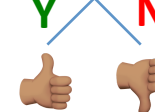
Python
Y/N

N



SAT
> 1500

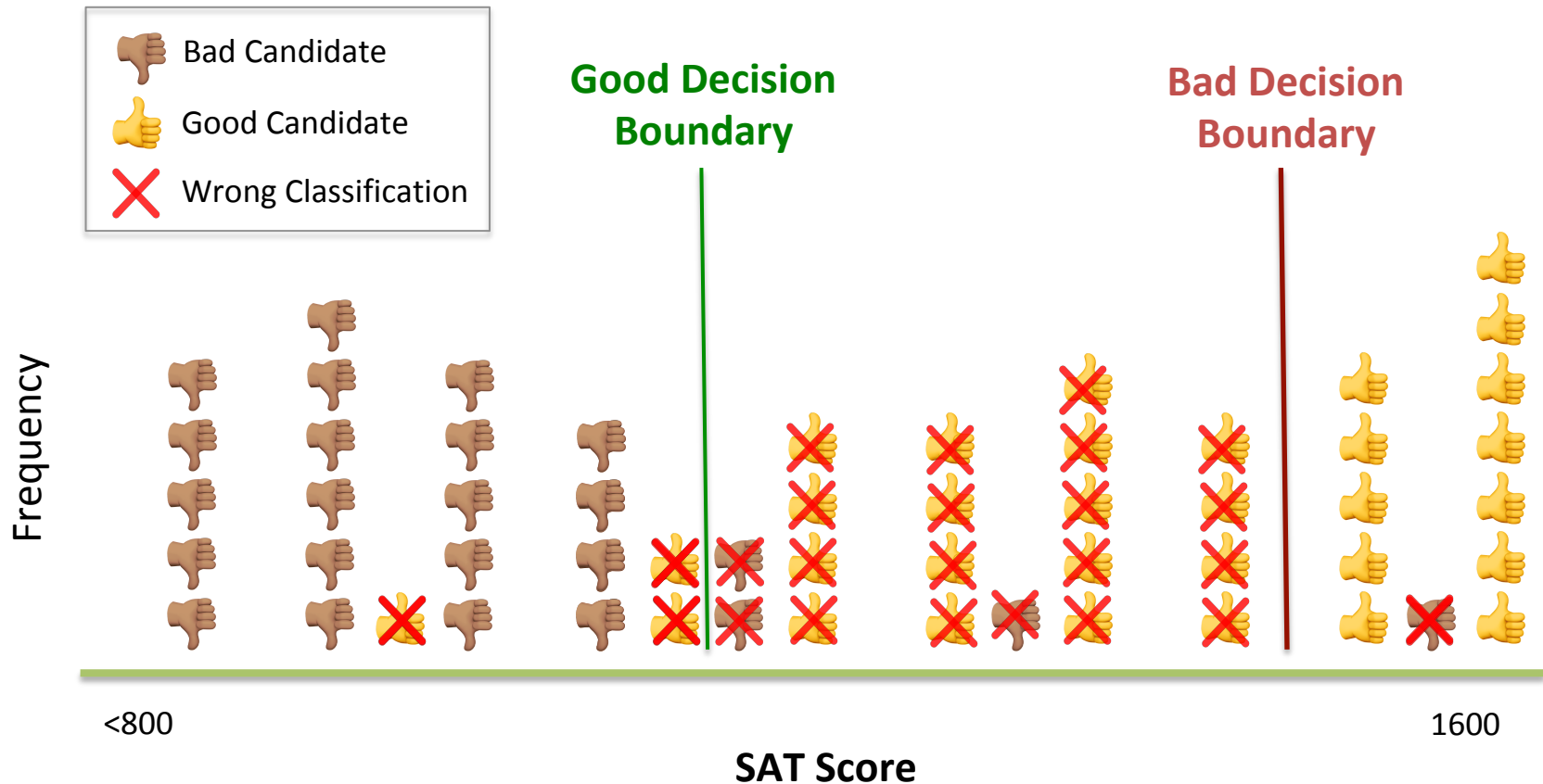
Classification



Slides have animations!

Where to Make the Cut?

- For any predictor make the 'cleanest' cut



Which Predictor to Ask First?

- The predictor that makes the 'cleanest' cut

