

Decision tree algo

1. predict species of the plant by shape.
2. Dataset \rightarrow dimensions of the plant
3. Summarise Dataset.
4. Segregation into X & Y.
5. Train n test

6. ALSO: Decision tree



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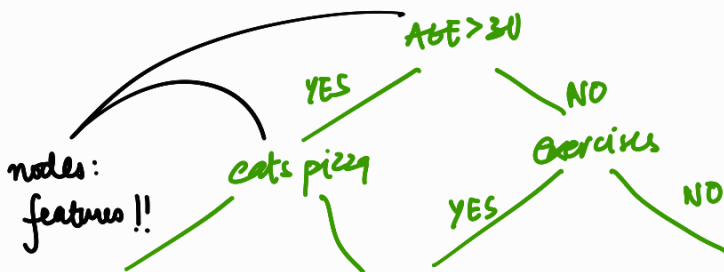
entropy formula;

$$P(0) * \log P(0) + P(1) * \log P(1) + \dots$$

Giving us the entropy.

USE Entropy & info gain; choosing **ROOT NODE !!**

8. Q: in a person fit?



9.

find MAX-DEPTH

check corresponding accuracy

9. Training
10. Prediction
11. Validation