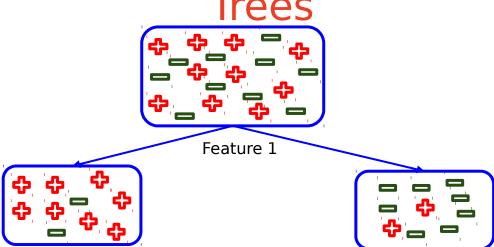


Overfitting





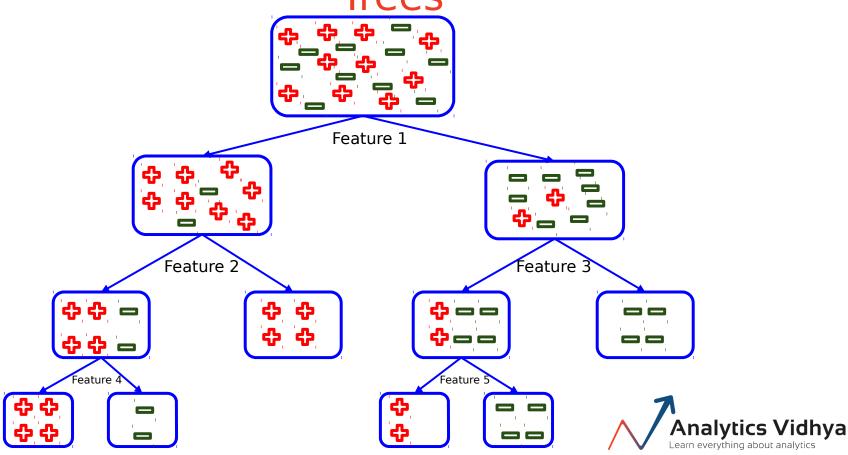


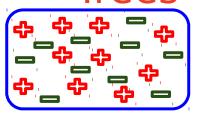
Underfitting



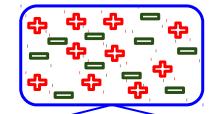
1. Minimum samples for a node split

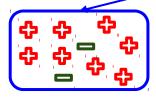


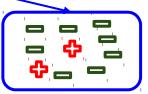




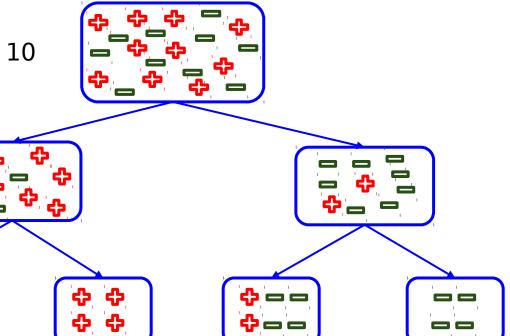














- 1. Minimum samples for a node split
 - a. Higher values controls overfitting

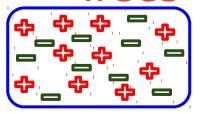


- 1. Minimum samples for a node split
 - a. Higher values controls overfitting
 - b. Too high values can lead to underfitting

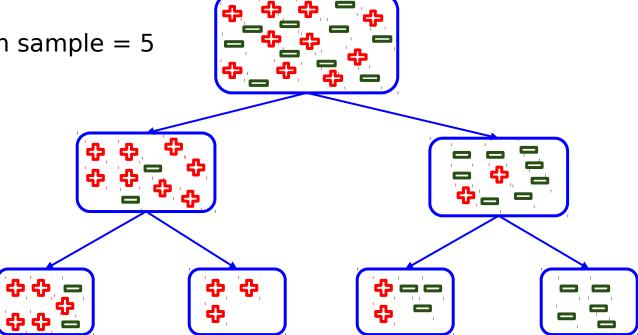


- 1. Minimum samples for a node split
- 2. Minimum samples for a terminal node

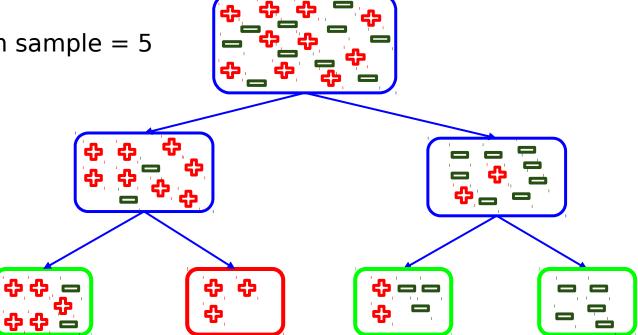




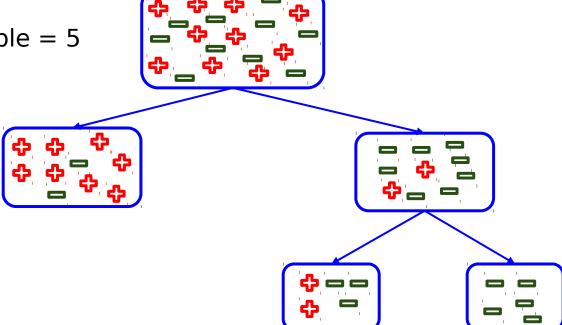








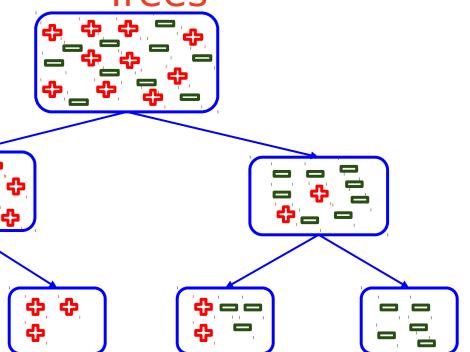




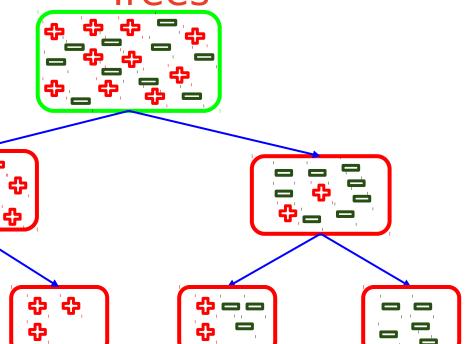


- 1. Minimum samples for a node split
- 2. Minimum samples for a terminal node
 - a. Higher value controls overfitting
 - b. Too high values can lead to underfitting

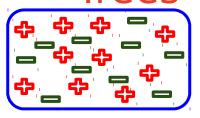










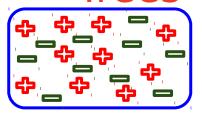




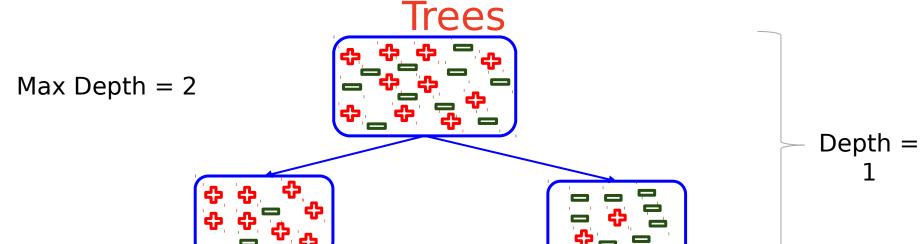
- 1. Minimum samples for a node split
- 2. Minimum samples for a terminal node
- 3. Maximum depth of tree



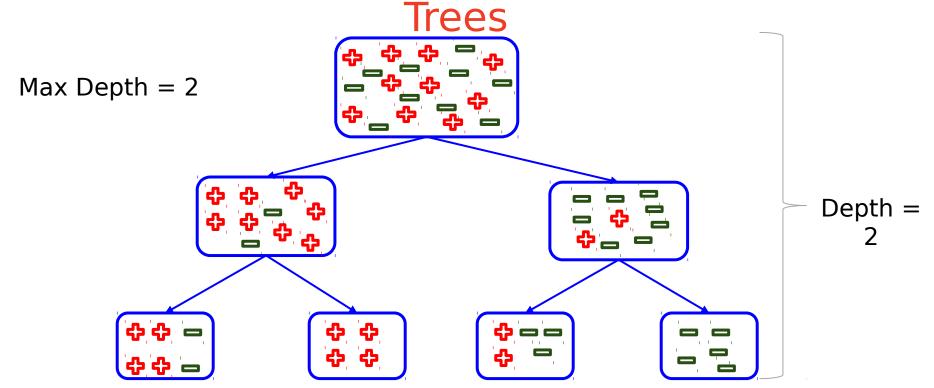
Max Depth = 2







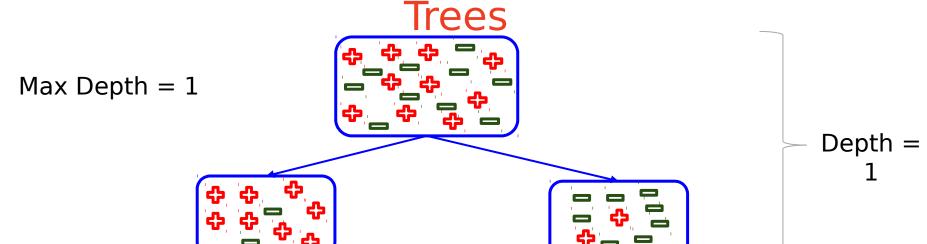






- 1. Minimum samples for a node split
- 2. Minimum samples for a terminal node
- 3. Maximum depth of tree
 - a. Higher depth can lead to overfitting
 - b. Lower depth can lead to underfitting



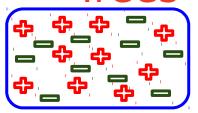




- 1. Minimum samples for a node split
- 2. Minimum samples for a terminal node
- 3. Maximum depth of tree
- 4. Maximum number of terminal nodes

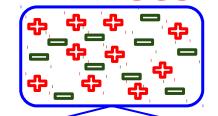


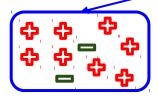
Max Terminal nodes = 2

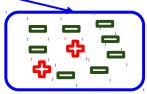




Max Terminal nodes = 2









Thank You!

