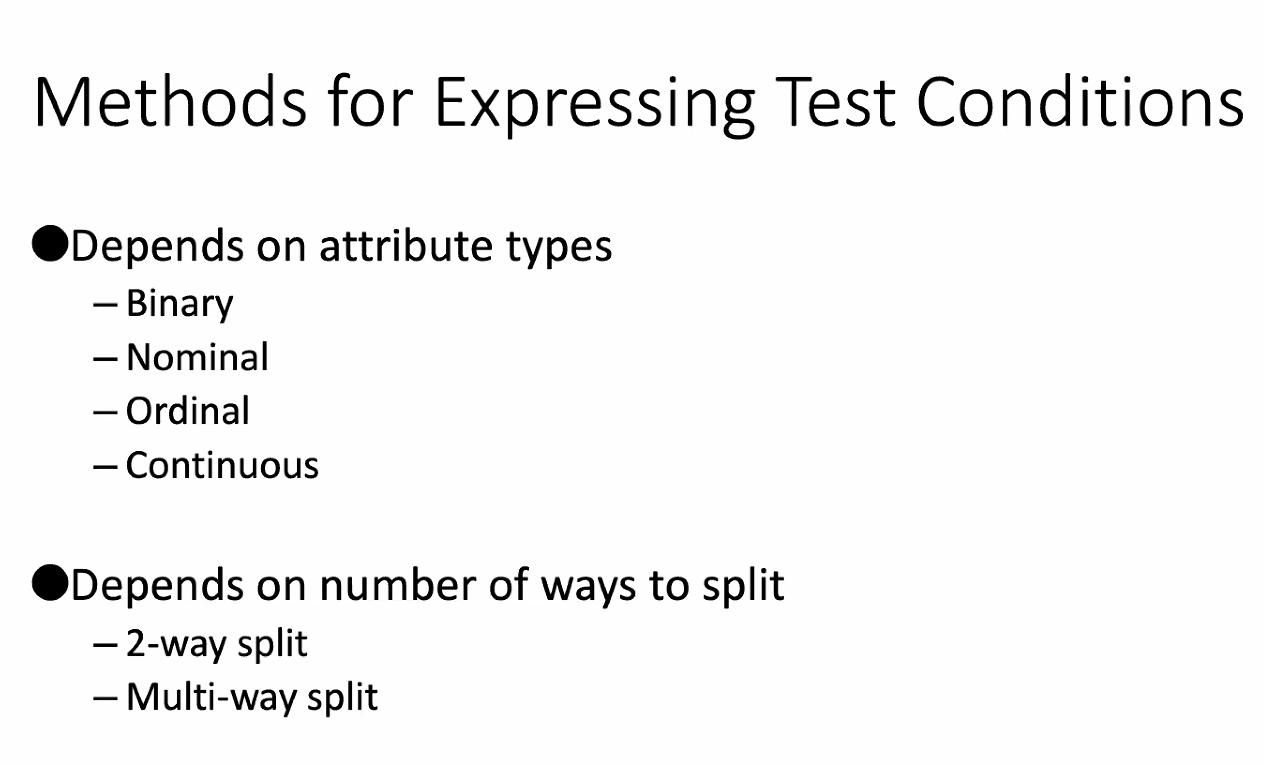
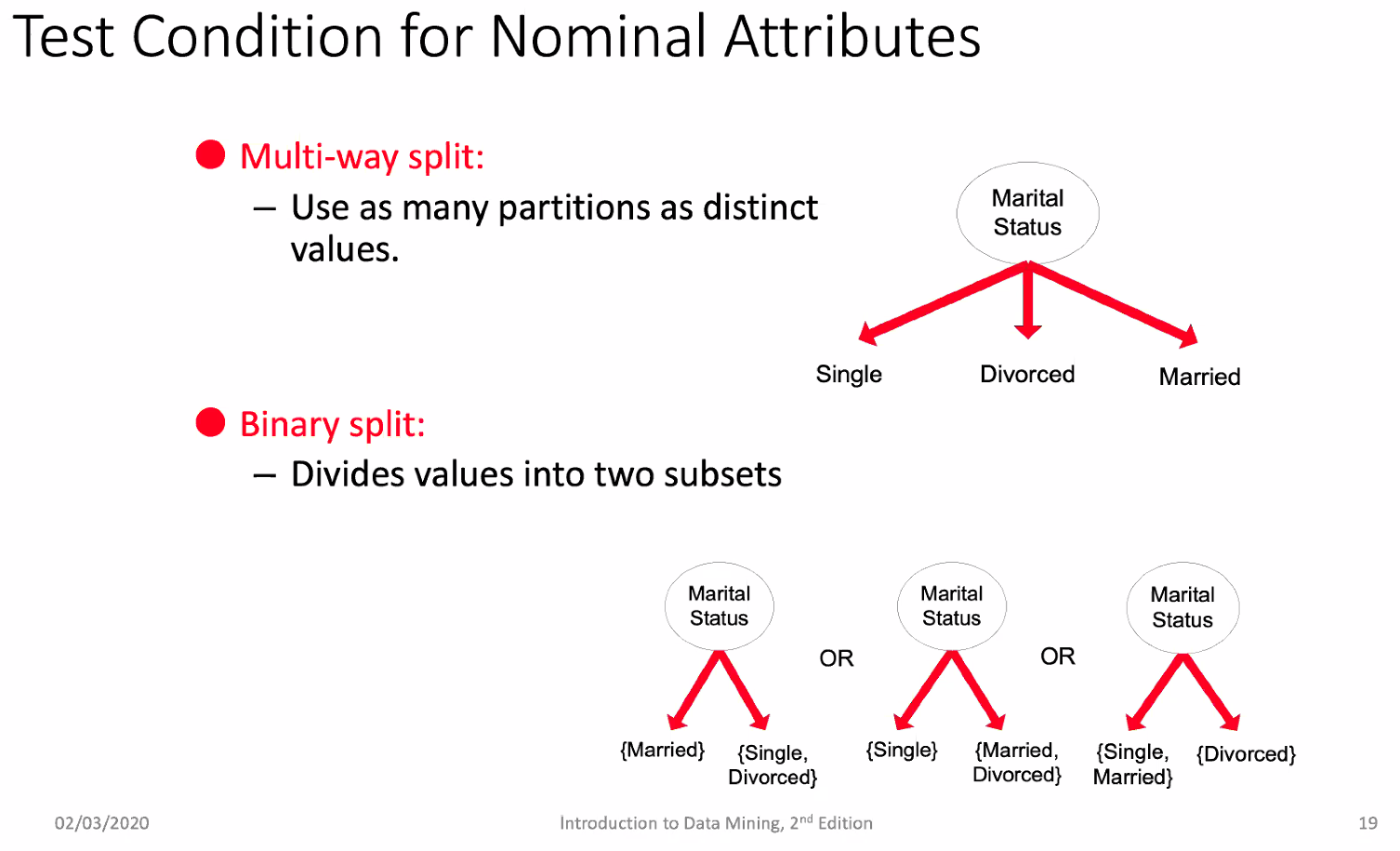
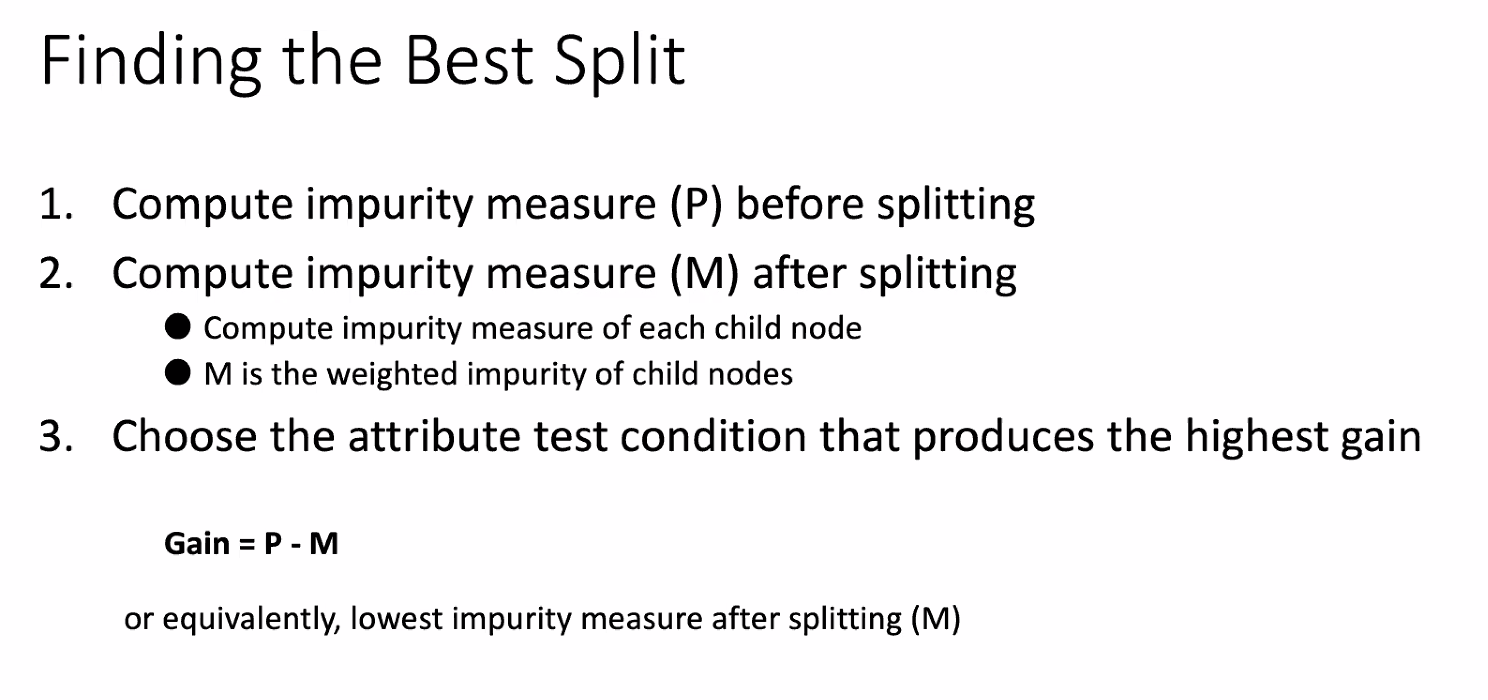
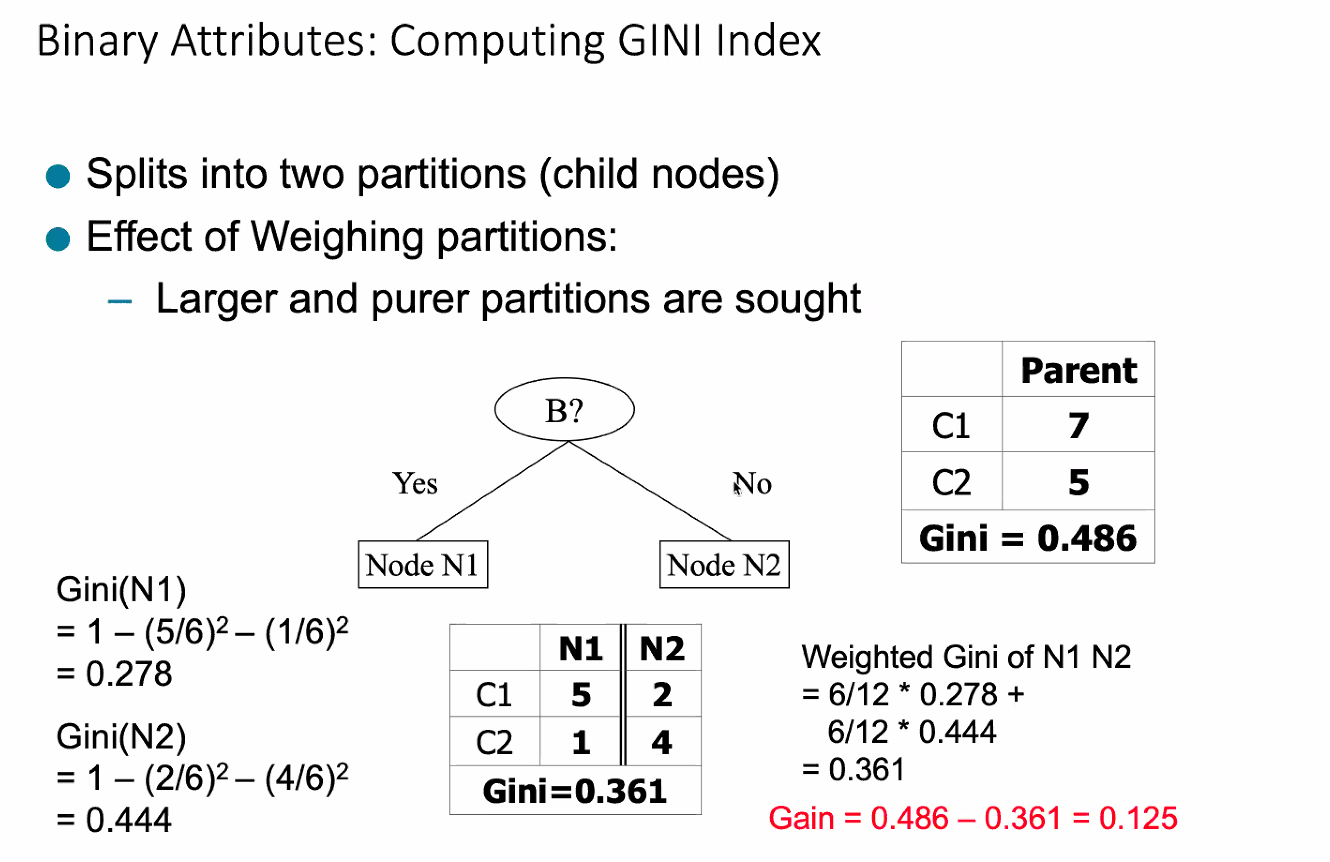
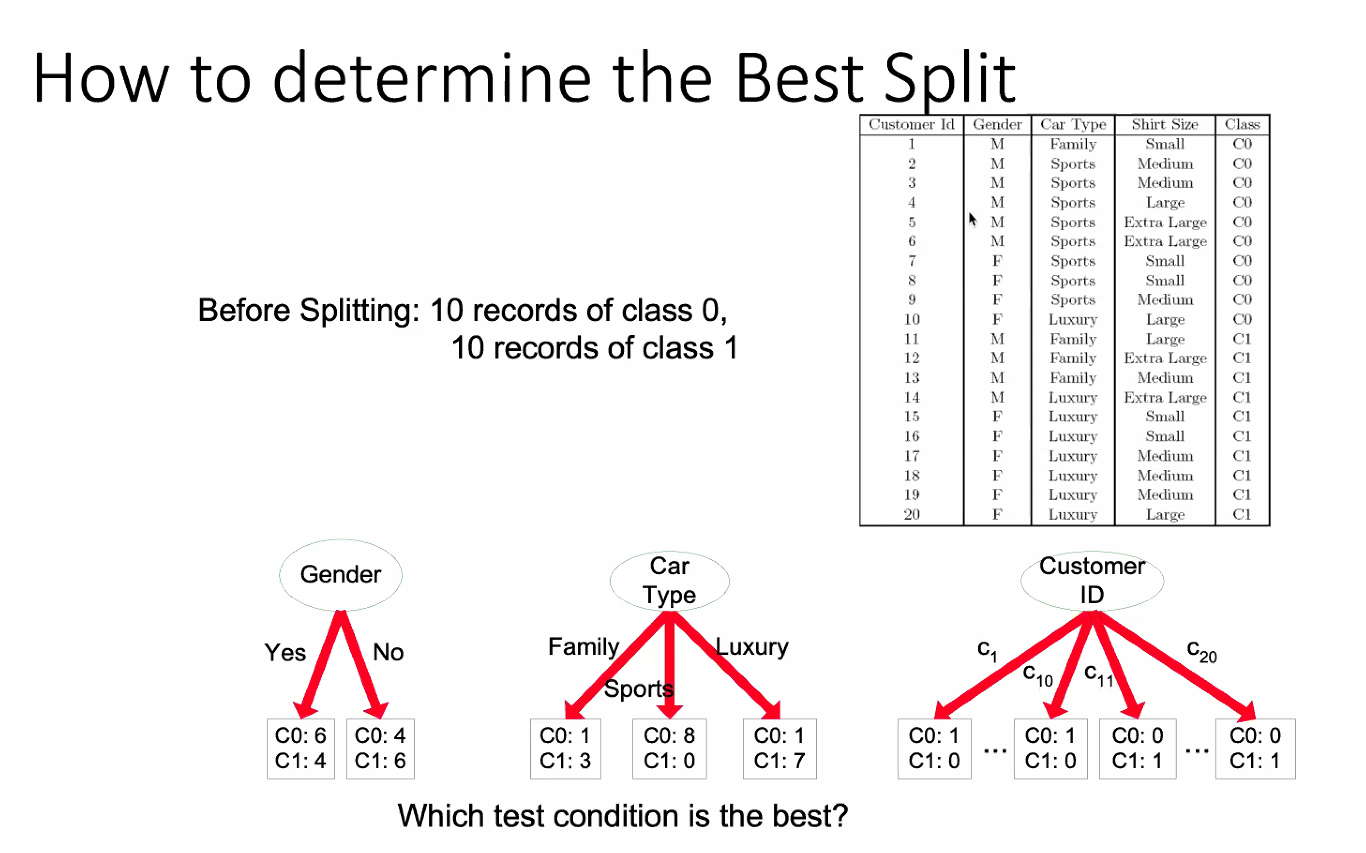
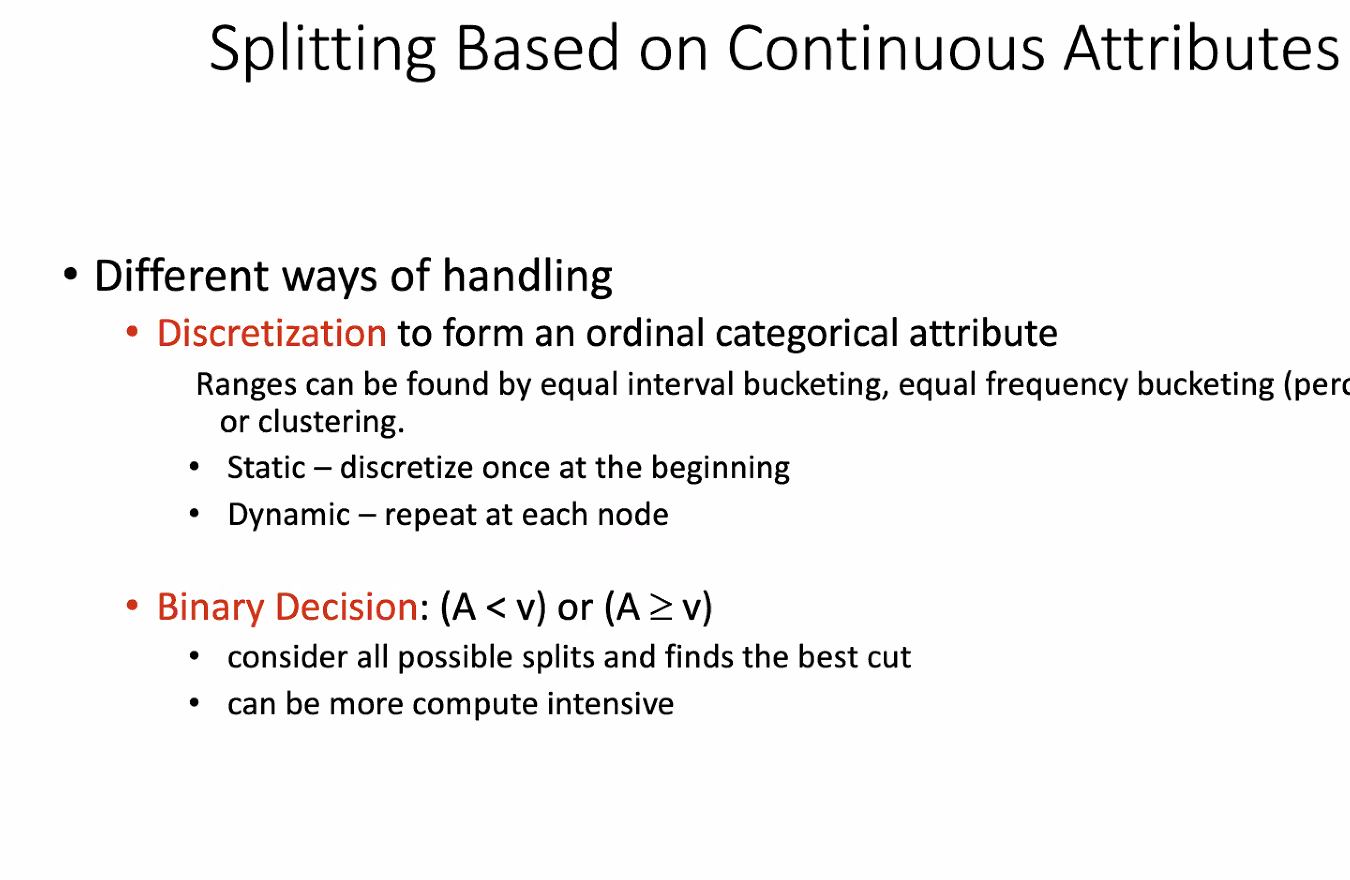
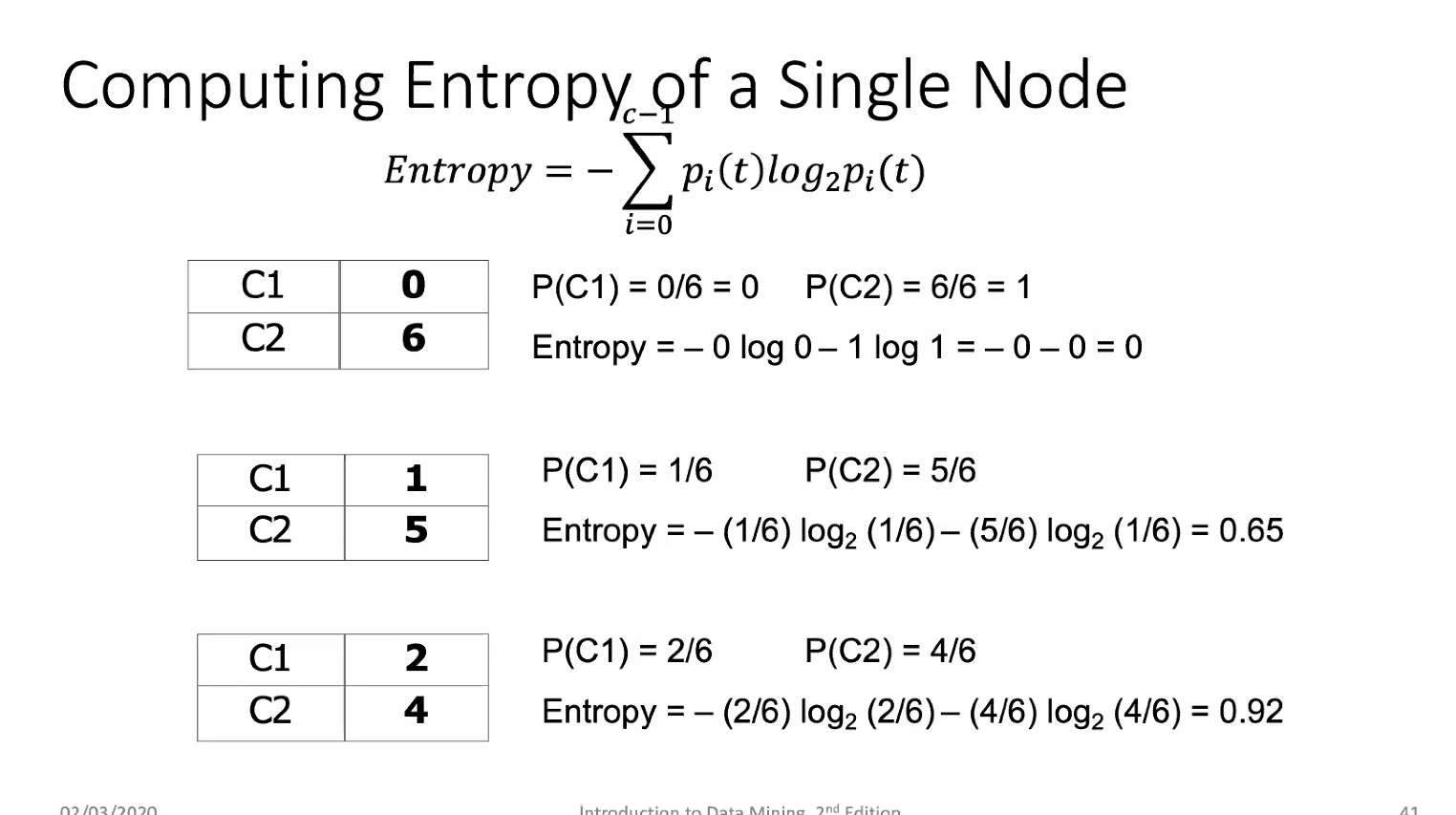
**DECISION TREE**





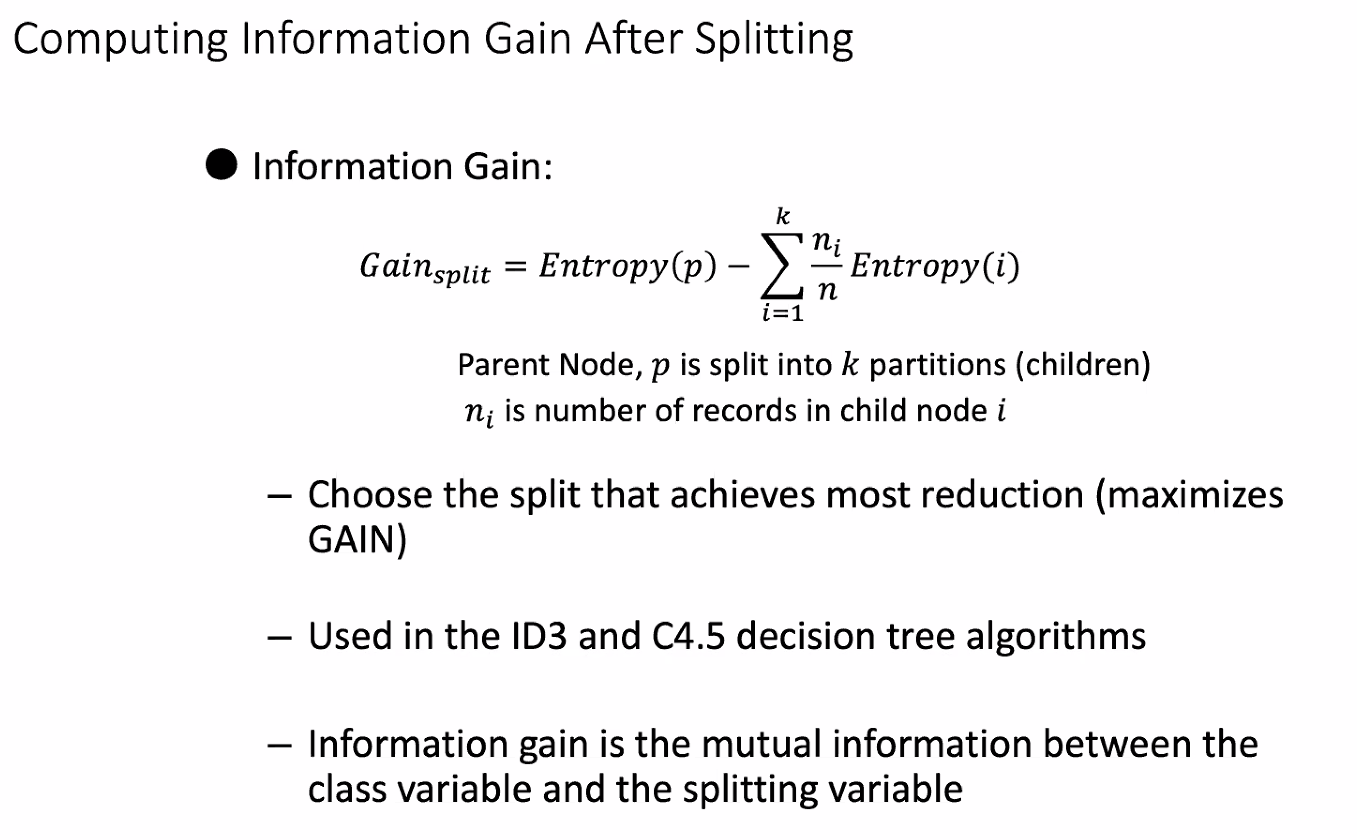


**INSTEAD OF genie index (square distance )you can use entropy**



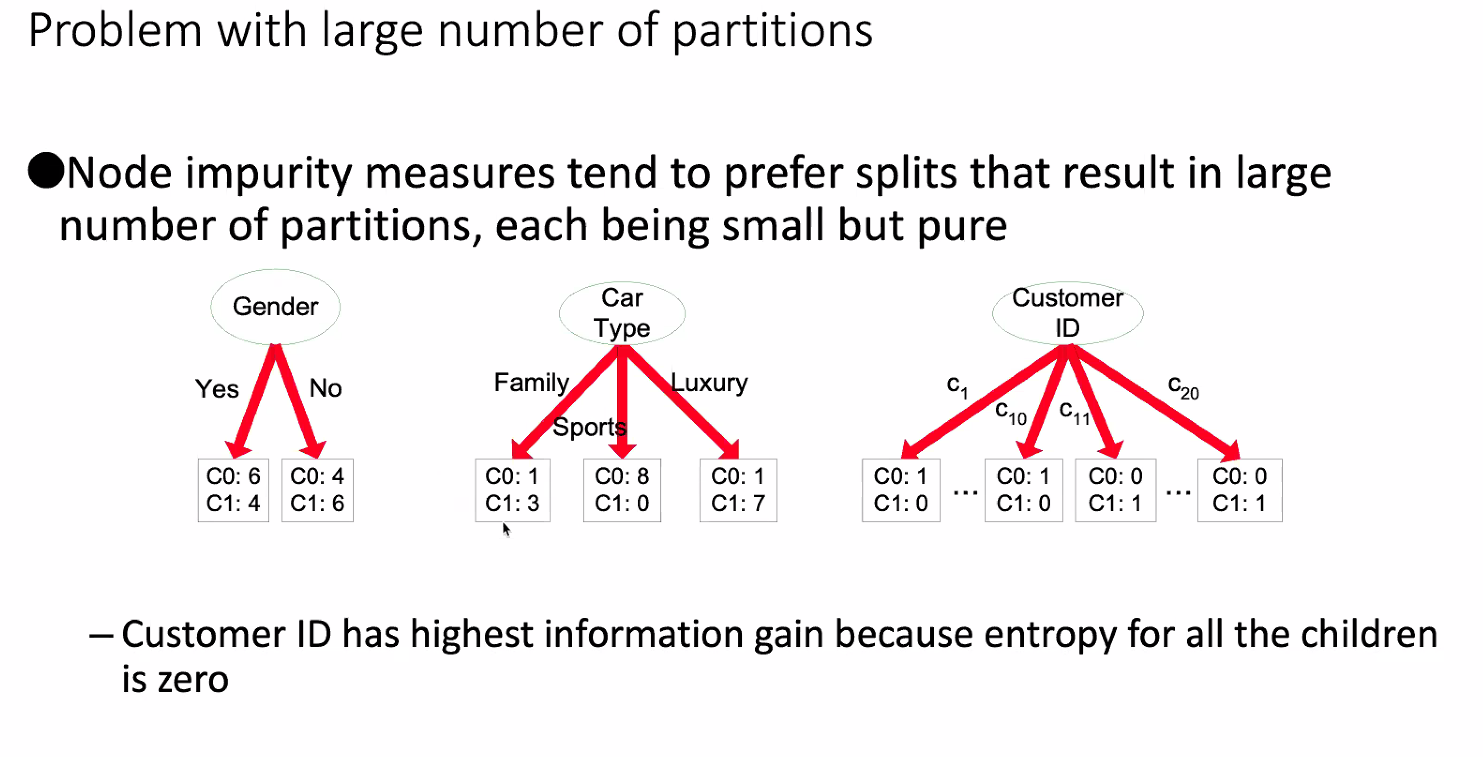
**Steeper than the genie index classification**

* **Use information gain**

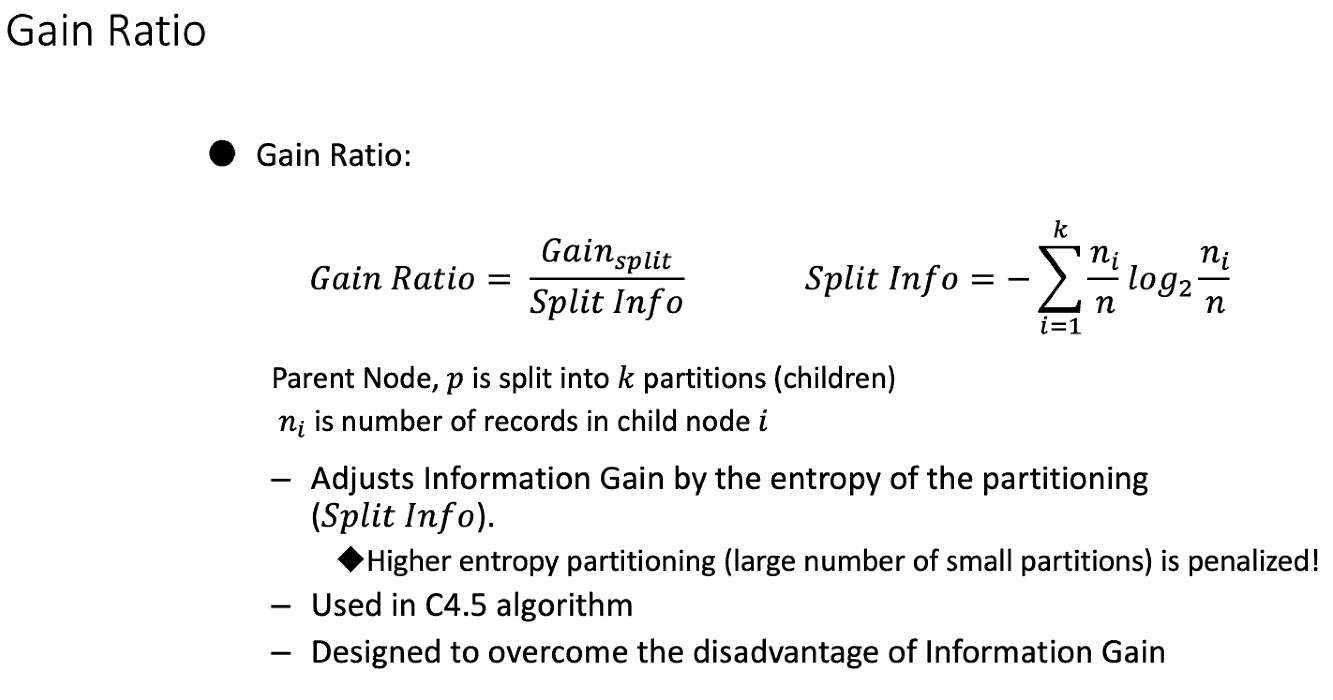


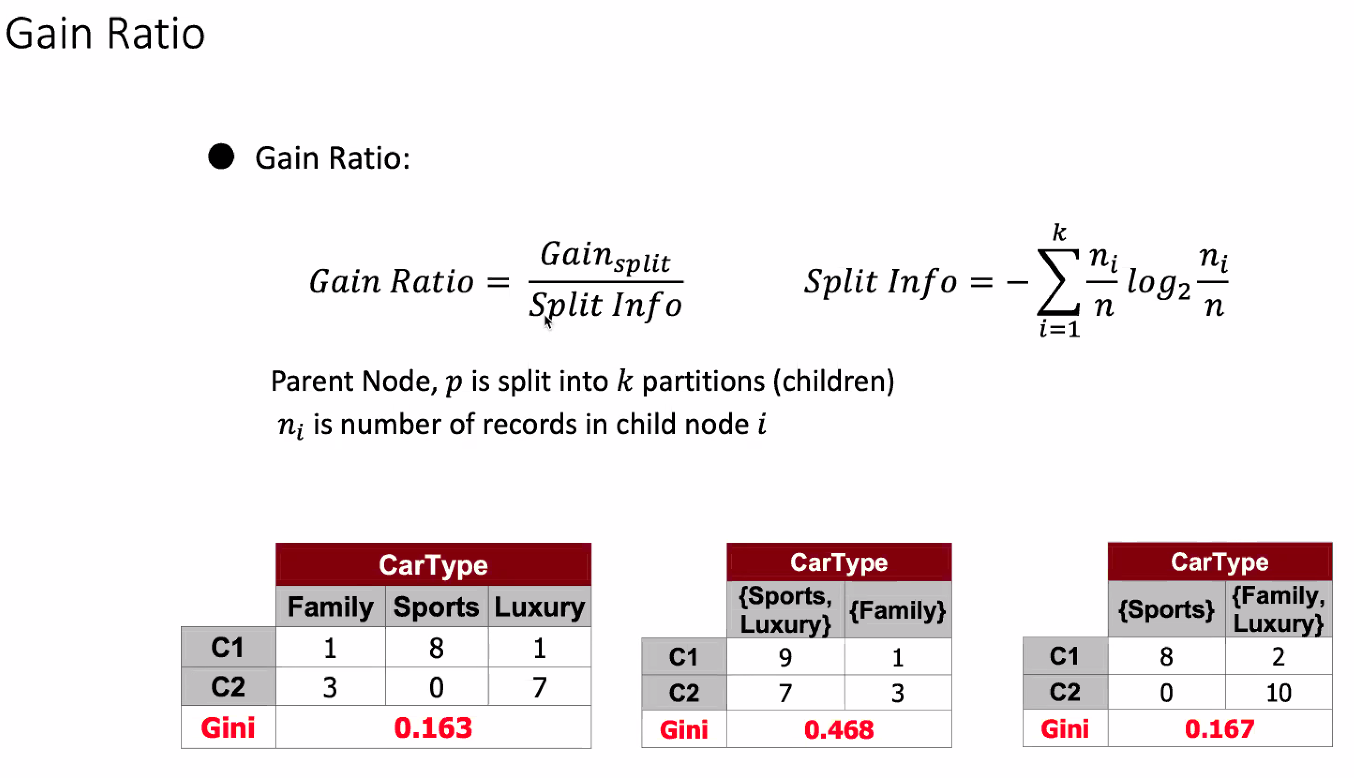
**Problems:**

**Genie index information gain**



**To solve this problem:**





**INFORMATION GAIN**

