Text, letter

Description automatically generatedText

Description automatically generated with medium confidence

Text

Description automatically generatedText

Description automatically generated

Minimum value of entropy is 0 and maximum value is 1

If all data points have the same class, entropy is 0

Text, letter

Description automatically generatedIf the data points have equal class distribution, then entropy is 1

**What is / are the terminating condition for the ID3 algorithm?**

There are no more attributes left to split on

All the data items in a node belong to the same class

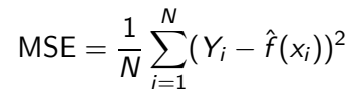
Text, letter

Description automatically generated**Which of the following functions can be correctly represented by a single perceptron using sign activation function?->**AND, OR, NOT

Graphical user interface, text

Description automatically generatedTable

Description automatically generated



Text, letter

Description automatically generated

Text

Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generatedTable

Description automatically generatedText

Description automatically generated

Diagram, venn diagram

Description automatically generatedText, letter

Description automatically generated

Diagram, schematic

Description automatically generatedA picture containing text

Description automatically generatedDiagram, schematic

Description automatically generatedText, letter

Description automatically generated

Chart

Description automatically generated