Lab-2 ID3 (Iterative Dichotomiser 3) using Decision Tree

100	PAGE NO: DATE: 19/3/25
	Lob - 2 (203) (Eleraline Duholomyer 3)
	import pendar as pd import numby as mp
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	def Infograin Colata, Split - attri, target = "clas", foral = entropy Colata (songet) valu, count - np. unique (data (split],
	Deighted: mp. bum ([(countsi]) mp. Sum (counts)) * intropy (date where (data Esphil) = vals (i)). dogras) [terget])
	info = local - weight a
	Hetwin info
	def 2D3 (): if len (np. unique (data [forget]) <= 1: neturn np. unique (data [forget]) (0)
	elif len (data) == 0: guturn op, unique (orignal [tanget])
	Sulum orp. unique (orignal [torget]) Emp argmax (orp. unique (original [torget]) Julium: True) [1]
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