## SIDDHANT PATIL (211112238)

03.03.2024 (Sunday)

## Maulana Azad National Institute Of Technology,

Bhopal Roll No. Scholar No. 2 1111 2 2 38 Namu: SIDDHANT PATIL Scholar Number Assignment-3 Target Classes (Job Offer) - Yes/No N(A) = Number of occurrences of A for Job affer, N(400) = 7 N (NO) = 3 P(NO) [ Probability of yes] [ Probability of No LOOKUP talles + Carl & F MARSON & CONVIN - TAILL PART 1881 For COPA: It is a continuous naviable. -. Apply Guassian Naive Baye's (considering distribution as Guareian CERTAIN IS CARLE TOUT TOB > (CGIPA); [n = No of instances in dataset = 10] Standard deviation, 2+(8.2+8.81)2+(8.4+8.8)2+(9.1+8.81)2+(9.6-8.8) +(8.6-8.81)2+(8.3-8.81)2 = 0.33 81 a with it was Similarly, 6 (CGPA) NO = (9.3-8.13) + (9-3-7-6) + (7-5-8 4 (CGPA) NO = 24.4 = 8.13 = 1.02335 Aditya

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	No	8.13	1.02		NO	2/7	2/3	WE BE				
	L'anteractiveness laules											
	Tret Data: (8.5) Yes?											
	P(CGPA=8.5   Job offer "Yes") = for Normal dish bution.  - (8.5-8.81)2/2 × 6.347  - (2.42)2  - (2.42)2  - (2.42)2											
5												
	0.34 × J27 = 0.7745 1 6 J27											
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	= 7 x 0,7745 x 51 = 0.3872 JHOH (1 46')											
6												
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