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	UNIT - IV	18	
4 a.	Briefly explain K-means clustering with an example.	9	L4,5 CO4 PO2,3
b.	Explain Q-Learning algorithm with example.	9	L3 CO3 PO3
c.	Write a brief note on Hidden Markov models starting from assumptions considered. List its types and applications.	9	L3 CO3 PO3
	UNIT - V	18	
5 a.	How to build a decision tree? Explain the steps needed to build a		
	decision tree with example. Construct decision tree after learning from	9	L4,5 CO4 PO2,3
	example.		
b.	Illustrate Bayesian networks with example and list the limitations of	9	L3 CO3 PO2
	Bayesian networks.	9	L3 CO3 FO2
c.	Explain the working of case based reasoning.	9	L3 CO3 PO3

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