				M	odule 1						
a									10	L1	
b	Explain different types of machine learning with a diagram								10	L2	
					OR						
a	Define data. Explain 6V's of Big Data								10	L1	
b	Explain data preprocessing with an example								10	L2	
_		1.				1 1.1	0 .1		10	L3	
a											
	points and prove that PCA works.										
	$\binom{2}{6}\binom{1}{7}$										
ь	Explain continuous and discrete probability distributions								08	L2	
				<u> </u>	OR					1	
a									10	L3	
b	Explain and apply candidate elimination algorithm for the given dataset							aset	10	L2	
	Example	Sky	Temp	Humidity	Wind	Water	Forecast				
	1	Sunny	Warm	Normal	Strong	Warm	Same	Yes			
	° 2	Sunny	Warm	High	Strong	Warm	Same	Yes			
	3	Rainy	Cold	High	Strong	Warm	Change	No			
	4	Sunny	Warm	High	Strong	Cool	Change	Yes			
1	λ			M	odule 3						
a	Distinguish between										
	i. Locally weighted regression and Linear regression										
1										L3	
b		_									
	data (7.6, 60,8) where k=3										
		50,8) W	here k=3		tne given	dataset t	o classify t				
	S.No.	CGPA		sessment		Submitted		lt			
	S.No. 1.	. ,						lt			
	1. 2.	9.2 8		sessment		Submitted	Pass Pass	lt			
	1.	CGPA 9.2		85 80 81		Submitted 8	Pass Pass Pass	lt			
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	1. 2. 3. 4. 5. 6. 7. 8.	9.2 8 8.5 6 6.5 8.2 5.8 8.9	As	85 80 81 45 50 72 38 91	Project	8 7 8 5 4 7 5 9	Pass Pass Pass Pass Fail Fail Pass Fail Pass				
a	1. 2. 3. 4. 5. 6. 7. 8. Make use	9.2 8 8.5 6 6.5 8.2 5.8 8.9	by and in	85 80 81 45 50 72 38	OR gain to dis	Submitted 8 7 8 5 4 7 5 9	Pass Pass Pass Pass Fail Fail Pass Fail Pass Fail Pass		14	L3	
	a b a b b	a Define dat b Explain da a Apply and points and b Explain co a Design a lead of the second of the	a Define data. Explain b Explain data preproduced a Apply and explain points and prove the b Explain continuous b Explain and apply Example Sky 1 Sunny 2 Sunny 3 Rainy 4 Sunny 4 Sunny b Apply weighted Killing a Design a learning service of the sunny s	a Define data. Explain 6V's of b Explain data preprocessing a Apply and explain principal points and prove that PCA of b Explain continuous and discontinuous and discontinuo	a Define Machine Learning. Explain its is b Explain different types of machine lear a Define data. Explain 6V's of Big Data b Explain data preprocessing with an exa M a Apply and explain principal component points and prove that PCA works. b Explain continuous and discrete probable a Design a learning system for chess gan b Explain and apply candidate elimination Example Sky Temp Humidity 1 Sunny Warm Normal 2 Sunny Warm High 3 Rainy Cold High 4 Sunny Warm High M a Distinguish between i. Locally weighted regression and ii. Multiple linear regression and I	a Define data. Explain 6V's of Big Data b Explain data preprocessing with an example Module 2 a Apply and explain principal component analysis points and prove that PCA works. b Explain continuous and discrete probability distribution of the continuous and discrete probability distribution of the continuous and apply candidate elimination algorithms. Example Sky Temp Humidity Wind Sunny Warm Normal Strong Sunny Warm High Strong Rainy Cold High Strong Rainy Cold High Strong Module 3 a Distinguish between i. Locally weighted regression and Linear in Multiple linear regression and Logistic regression and Logistic regression.	a Define Machine Learning. Explain its relationship to othe Explain different types of machine learning with a diagrate of the Explain different types of machine learning with a diagrate of the Explain data preprocessing with an example Module 2 a Apply and explain principal component analysis algorithm points and prove that PCA works. (2) (1) (6) (7) b Explain continuous and discrete probability distributions OR a Design a learning system for chess game b Explain and apply candidate elimination algorithm for the Example Sky Temp Humidity Wind Water 1 Sunny Warm Normal Strong Warm 2 Sunny Warm High Strong Warm 3 Rainy Cold High Strong Warm 4 Sunny Warm High Strong Cool Module 3 a Distinguish between i. Locally weighted regression and Linear regression ii. Multiple linear regression and Logistic regression iii. Multiple linear regression and Logistic regression	a Define Machine Learning. Explain its relationship to other fields with big Explain different types of machine learning with a diagram OR a Define data. Explain 6V's of Big Data big Explain data preprocessing with an example Module 2 a Apply and explain principal component analysis algorithm for the groints and prove that PCA works. (2) (1) (6) (7) big Explain continuous and discrete probability distributions OR a Design a learning system for chess game big Explain and apply candidate elimination algorithm for the given data for the ground of the	a Define Machine Learning. Explain its relationship to other fields with diagram OR a Define data. Explain 6V's of Big Data b Explain data preprocessing with an example Module 2 a Apply and explain principal component analysis algorithm for the given data points and prove that PCA works. (2) (1) (7) b Explain continuous and discrete probability distributions OR a Design a learning system for chess game Explain and apply candidate elimination algorithm for the given dataset Example Sky Temp Humidity Wind Water Forecast Enjoy Sports 1 Sunny Warm Normal Strong Warm Same Yes 2 Sunny Warm High Strong Warm Change No 4 Sunny Warm High Strong Cool Change Yes Module 3 a Distinguish between i. Locally weighted regression and Linear regression ii. Multiple linear regression and Logistic regression	a Define Machine Learning. Explain its relationship to other fields with diagram b Explain different types of machine learning with a diagram OR a Define data. Explain 6V's of Big Data b Explain data preprocessing with an example Module 2 a Apply and explain principal component analysis algorithm for the given data points and prove that PCA works. (2) (1) (6) (7) b Explain continuous and discrete probability distributions OR a Design a learning system for chess game b Explain and apply candidate elimination algorithm for the given dataset Example Sky Temp Humidity Wind Water Forecast Enjoy Sports 1 Sunny Warm Normal Strong Warm Same Yes 2 Sunny Warm High Strong Warm Same Yes 3 Rainy Cold High Strong Warm Change No 4 Sunny Warm High Strong Cool Change Yes Module 3 a Distinguish between i. Locally weighted regression and Linear regression ii. Multiple linear regression and Logistic regression	

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		S.No. CGPA Interactiveness		s Pract	tical Knowledge	Communication Skills	Job O	ffer				
			1.	≥9	Yes	Very	good	Good	Yes	Yes		
			2.	≥8	No	Good	I	Moderate	Yes			
		1	3.	≥9	No	Aver	age	Poor	No			
		Ī	4.	<8	No	Aver	age	Good	No			
		Ì	5.	≥8	Yes	Good	ı	Moderate	Yes			
		Ì	6.	≥9	Yes	Good	1	Moderate	Yes			
		1	7.	<8	Yes	Good	ı	Poor	No			
		ı	8.	≥9	No	Verv	good	Good	Yes	A		
		1	9.	≥8	Yes	Good		Good	Yes			
		1	10.	≥8	Yes	Aver		Good	Yes			
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	ь	Λ	nalvz	e decisi	on tree learn	ning w	ith its struct	ure, advantages,	and dis	advantages.	06	L4
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7	a									h an example	08	L1
	ь									12	L4	
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		Ì		2.		No		Yes				
		Ī	3	3.	9.3	No		No				
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		1	6	_		Yes	1.0	Yes				
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		ł	9	_		Yes		Yes Yes				
		ł	10	_		Yes		Yes				
8		Analyze different types of artificial neural network with diagram									10	L4
0	a 1-											1
	b	Define activation function. Explain different types of activation function.								10	L1	
0		Module 5								1.0	т 4	
9	a	Analyze Grid based approach and mention the steps of CLIQUE							1 (1 : .	10	L4	
	b									10	L3	
		2 and 5 considered as initial seeds.										
					Objec	ts	X-Coordin		nate			
					1		2	4				
					2		4	6				
					3		6	8	8			
					4		10	4				
					5		12	4				
	1	OR								1	1	
10	a									10	L3	
	b										10	L4
1	U	Analyze components of reinforcement learning with a diagram 10									10	ᆫᅩ