60004210210 Amartya Mishra COMPS – C31

ML Experiment 2

ML Exposiment 2. Amarty comps-	10210 19 Mishia 131
of liquidic Regression.	8
Theory	
nogenic Regression in a supervised me Alg	gorthm
used for Classification task where the goal w	to
hogestic Regression in a supervised MI Algusted for classification task where the goal will fredict the probability that an unstance below	ngs
given can by not	
It is a statished Algo which analyze the villation between two factors	Start Start
The state of the s	
Types of logistic Regression	160
- Binomial	70
→ MuHinomial	
→ Ordinal	
Z = WX + 6	
x: Independent inputs	
6: blase term (intercept)	
w weights	
Sigmoid function:	
The och us (2) us mapped to get the proba	1.11
" The proba	161 4 rg
6 (z) = 1	
1-e2	
Sundaran) FOR EDUCATIONAL USE	

3 5 7	
Sales of	
100	
1000	logistic regression Equation
	P(x, b, ω) = 1 1+ e ωx+6
	1+ 6
The state of	Evaluating Model Methods
	Accuracy
-	Precuion
-	Recall
-	Fi Score
MARKET !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Conclusion Thus, we implemented logistic Regission
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Implementation:

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