Project 4 Grading Sheet

Students:
Graded by Ken Loomis

Please submit any questions to kjloomis@wpi.edu

Part	Section	Question	Actual	Points	Description	Notes
					Individual Component	
I	1	1		20	Construct first rule with RIPPER	
		2		10	RIPPER pruning explanation	
	2	1.1		5	State the "join" condition	
		1.2		5	State the "subset" condition	
		1.3.1		10	"Join" condition used in each level of the Apriori algorithm	
		1.3.2		10	"Subset" condition used to eliminate unnecessary candidate itemsets	
		1.3.3		10	Supported counted	
		1.4		5	Describe "termination" condition	
		2		10	"lift", "leverage", and "conviction" defined.	
		3.1		5	"2->2" rules generated.	
		3.2		10	Confidence and lift calculated.	
		4		5	Weka's Apriori procedure described.	
			0	105		
					Algorithms and Code	
II	-	-		5	Description of JRip algorithm/code	
		-		5	Description of Apriori algorithm/code	
					Experiment Challenge 1	
	1	1		5	Comparison of three rule sets.	
		2		4	Performance (accuracy vs. "goodness" metrics) comparison	
					Experiment Challenge 2	
	2	-		3	Description of the experiment design	
		-		5	Description of pre-/post-processing techniques used	
		-		5	Description of model	
		1		6	Comparison with ZeroR, OneR, Project 1 & 2 models	
		2		2	Pre-processing vs. modified parameters	
		3		3	Challenge(s) explained	
					Experiment Challenge 3	
	3	-		5	Description of the experiment design	
		-		5	Description of pre-/post-processing techniques used	
		1		5	Description of model	
		2		5	Performance of the model	
		3		3	Challenge(s) explained	
					Experiment Challenge 4	
	4	-		5	Description of the experiment design	
		-		5	Description of preprocessing techniques used	
		-		5	Description of model	
		-		5	Performance of the model	
		1		3	Motivation for experiment goal	
		2		3	Limitations of the dataset	
		3		3	Interesting observations about the model	
					Conclusion	
	-	-		5	Concluding thoughts about rules	
			0	100		
III	-	-		16	Oral presentation	
		-		6	In-class participation during presentations	
			0	22		
				-5	Report not formatted as instructed	
TOTAL			0	227	Percentage	0%