CS 6923 Machine Learning Spring 2019 Final Project Report

Name:

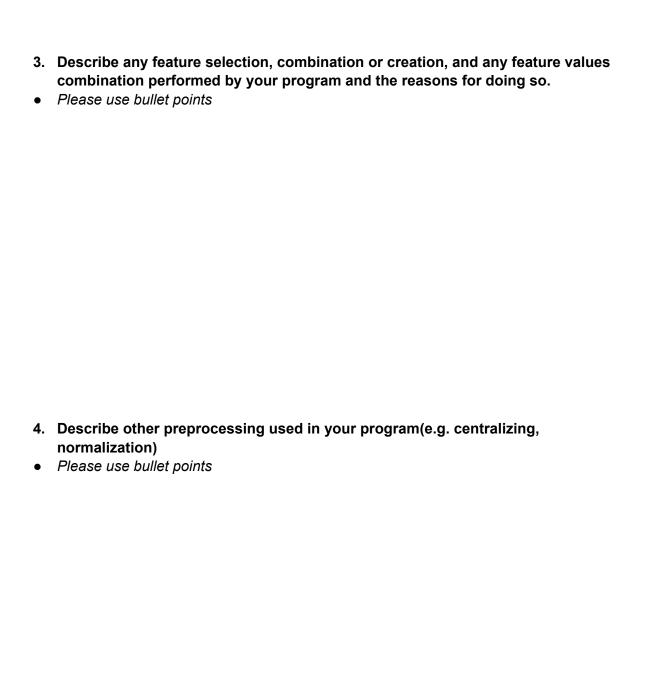
NetID:

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NetID:

PART	I: Preprocessing (No more than two pages for this part)
	How does your program handle missing value? And why? Please use bullet points

- 2. If your program converts numeric features to categorical features, or categorical features to numeric features. Describe how it does it.
- Please use bullet points



PART	II: Classification (No more than two pages for each model in this part)			
Model 1.	One: Supervised learning method used in this model is			
2. •	Why you choose this supervised learning method? Please use bullet points			
3.	Describe the method you used to evaluate this method. Please use bullet points			
4.	Describe process of experimenting different parameter settings or associated techniques. Parameter name: Parameter values: Performance of different values: Please use bullet points Analysis: Please use bullet points			
0	Parameter name:			

Parameter values:

- Analysis:

Performance of different values:

• Please use bullet points

• Please use bullet points

5. Accuracy and Confusion matrix with most suitable parameters

		Predicted		
		YES	NO	
Correct	YES			
Correct	NO			

Accuracy:

Model	Two:
1.	Supervised learning method used in this model is
2.	Why you choose this supervised learning method? Please use bullet points
3. •	Describe the method you used to evaluate this method. Please use bullet points
	Describe process of experimenting different parameter settings or associated techniques. Parameter name: Parameter values: Performance of different values: Please use bullet points Analysis: Please use bullet points
0	Parameter name: - Parameter values: - Performance of different values: - Please use bullet points - Analysis:

• Please use bullet points

5. Accuracy and Confusion matrix with most suitable parameters

		Predicted		
		YES	NO	
Correct	YES			
Correct	NO			

Model	Three:
1.	Supervised learning method used in this model is
2.	Why you choose this supervised learning method? Please use bullet points
3. •	Describe the method you used to evaluate this method. Please use bullet points
	Describe process of experimenting different parameter settings or associated techniques. Parameter name: Parameter values: Performance of different values: Please use bullet points Analysis: Please use bullet points
0	Parameter name: - Parameter values: - Performance of different values: - Please use bullet points - Analysis:

• Please use bullet points

5. Accuracy and Confusion matrix with most suitable parameters

		Predicted		
		YES	NO	
Correct	YES			
Correct	NO			

PART III: Best Hypothesis (No more than two pages for this part)

1.	Which model do you choose as final method?
	Model number:
	Supervised learning method used in this model:
	Reasons for choosing this model. Please use bullet points

- 3. What are the reasons do you think that make it has the best performance?
- Please use bullet points