**University of Macau**

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**CISC3023 Machine Learning: Writing Report**

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Title of the project

Abstract(introduction) of the project

Hardware and Software Requirements

1. Pentium class desktop computer
2. Windows system
3. Python compiler

Functional components of the project

Instruction to use your code

Data preprocess

How do you preprocess your data to get a better result?

How do you split the data into training and validation sets? (How about crossvalidation?)

Data prediction

Details of the three classifiers used

The handling of multi-class problem

How do you handle the testing data?

How do you set the parameters of different classifiers?

Discussion(conclusion)

What is the performance of the three classifiers?

What are the labels that are hard to be classified?