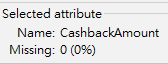
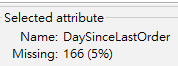
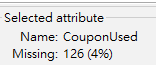
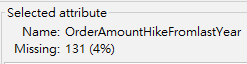
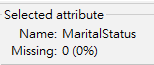
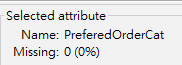
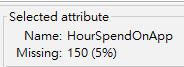
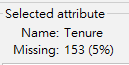
**ECT\_HW3\_109403021\_Weka題**

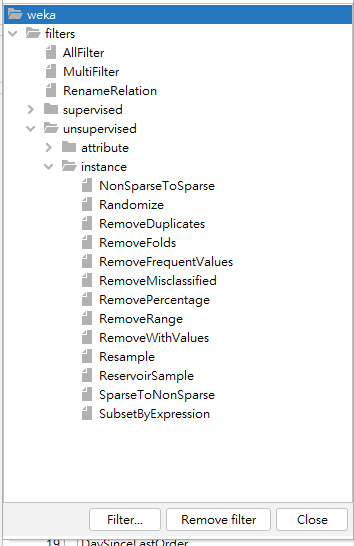
1. **資料筆數和屬性數量:**

****

**各欄位空值個數:**

****

1. **選取到RemoveDuplicates**

****

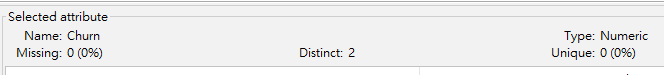
**按下Apply**

****

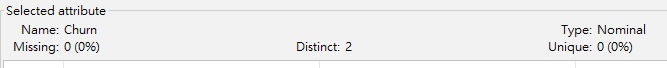
**得到剩餘的資料筆數**

****

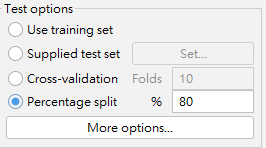
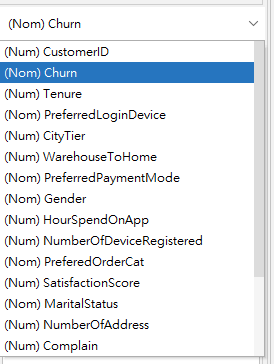
1. **將要預測的Churn轉為nominal**

****

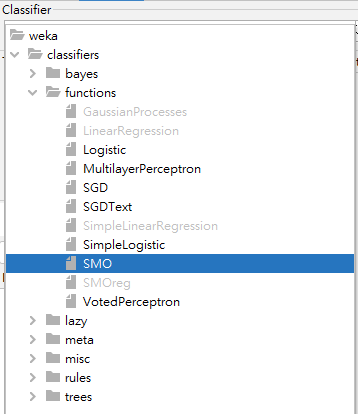
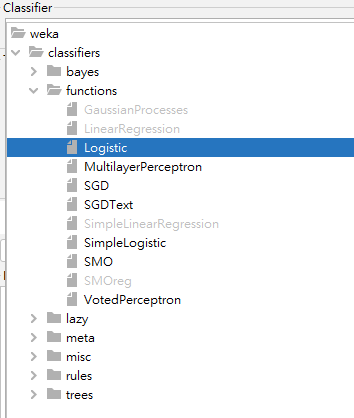
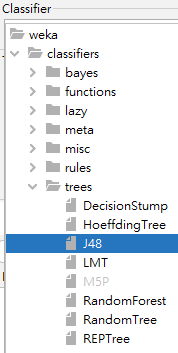
****

****

1. **三個模型訓練、測試前都先把預測的欄位調整為Churn，且三個模型我都將資料切割為8:2(訓練:測試)**

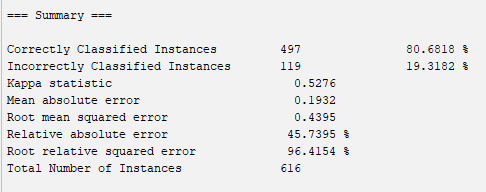
****

**分別選擇SMO、Logistic和J48，來分別訓練、測試SVM、Logistic Regression、Decision Tree 模型**

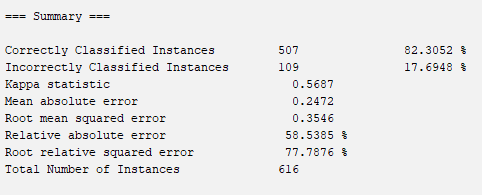
********

**得到以下結果:**

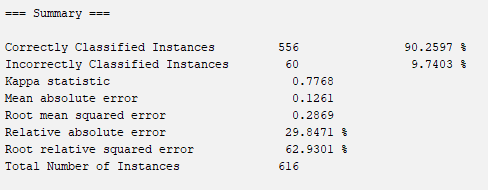
**SVM**

****

**Logistic**

****

**Decision Tree**

****

**可以看到在只有調整資料集成訓練比測試8:2，其他參數都使用默認沒有調整的情況下，3個模型的準確率如上，Decision Tree的表現最好**