**ARAVINDH.M**

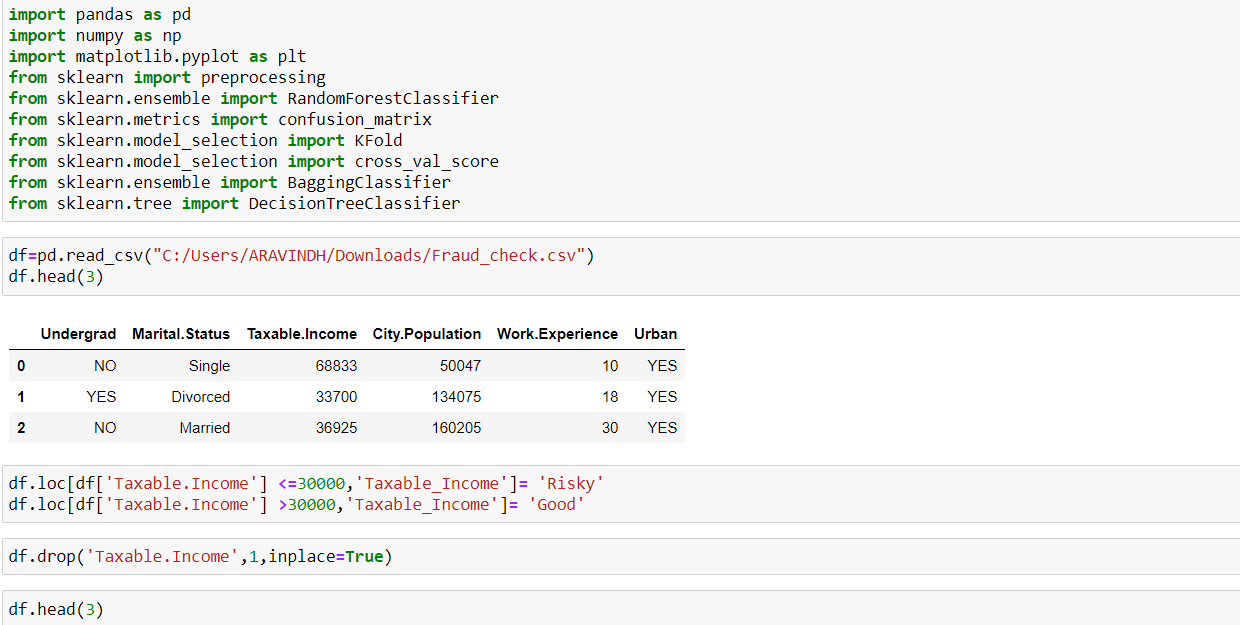
**ASSIGNMENT-15**

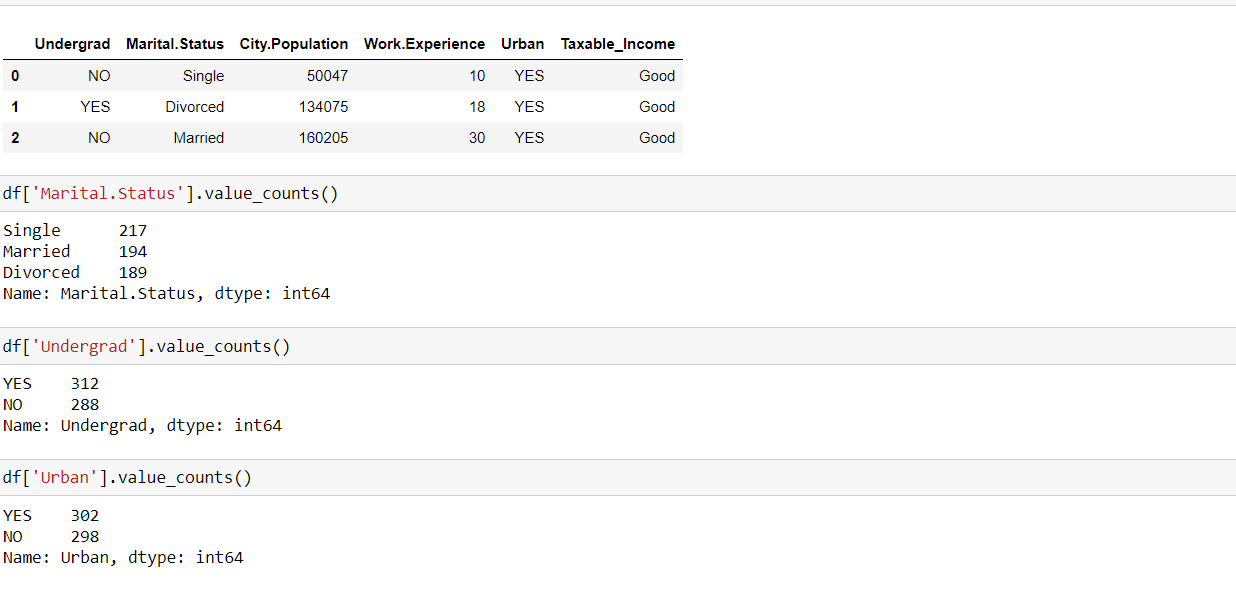
**TOPIC: RANDOM FORESTS**

**QUESTIONS:**

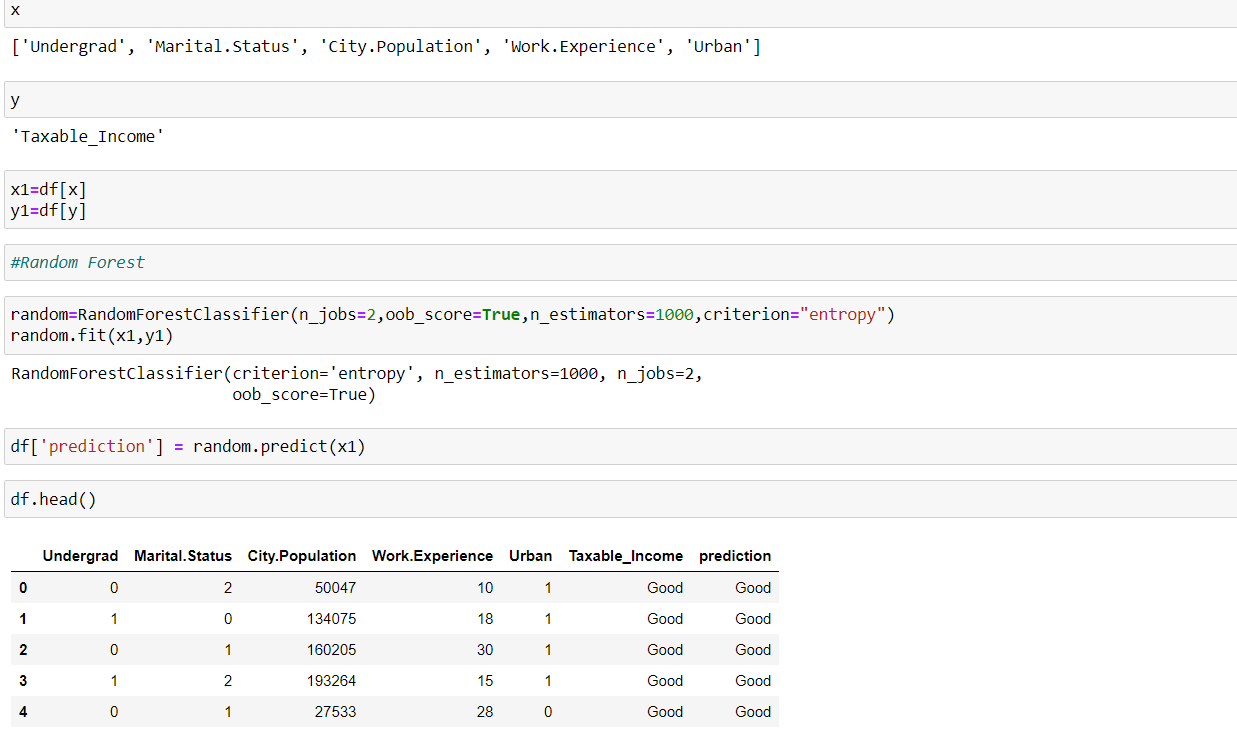
**Use Random Forest to prepare a model on fraud data treating those who have taxable\_income <= 30000 as "Risky" and others are "Good"**

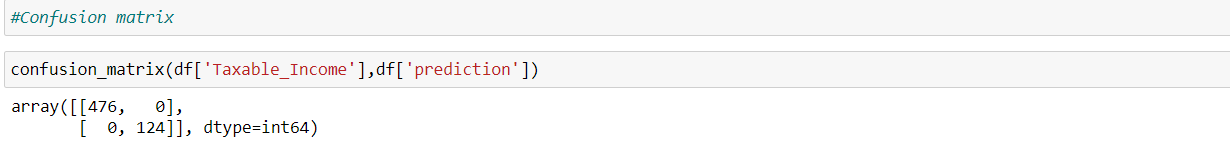
**DATASET:Fraud\_check**

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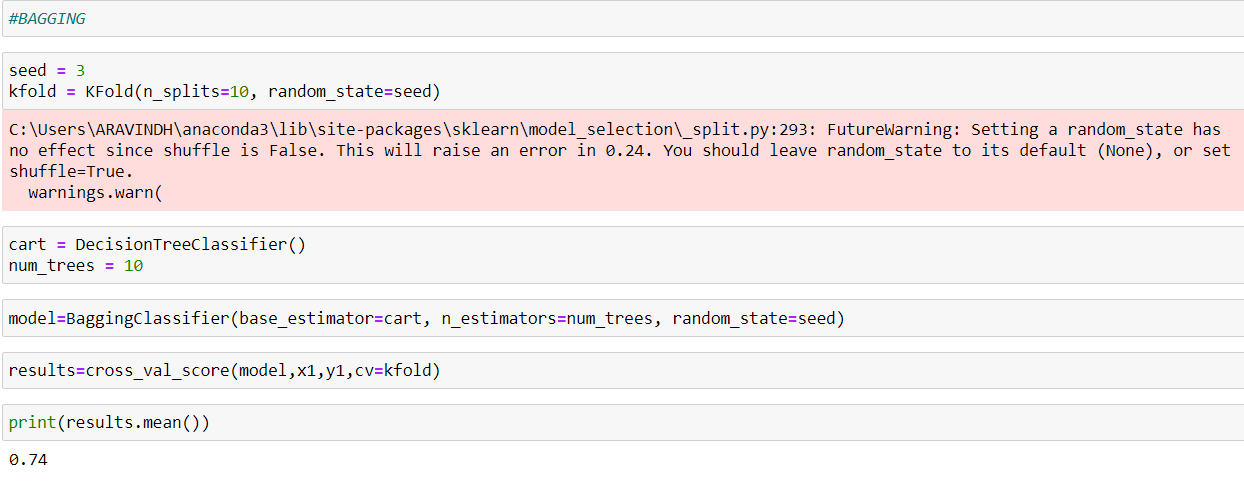
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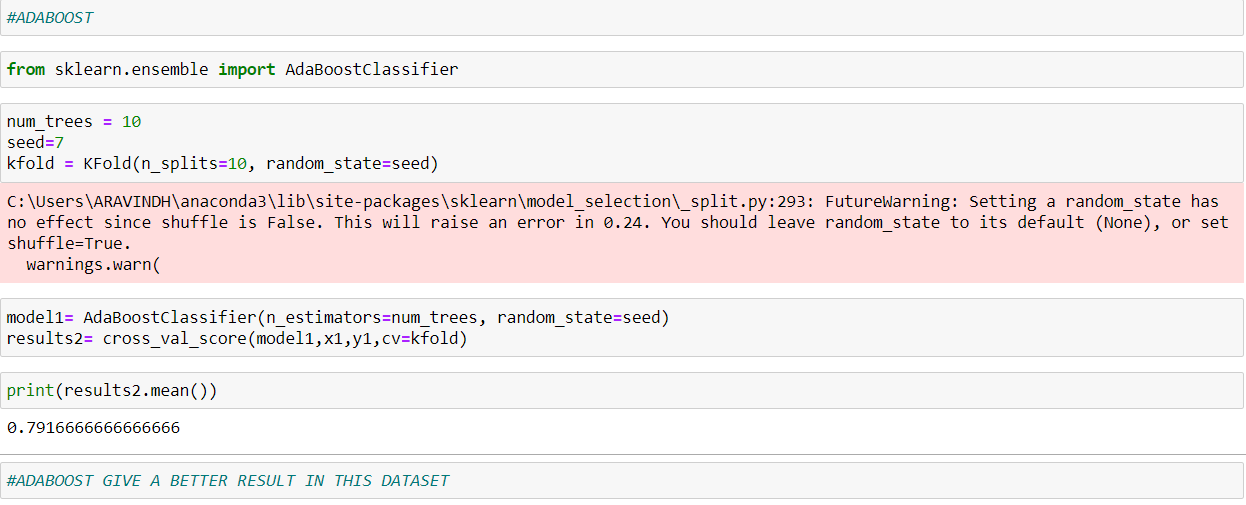
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**BAGGING:**

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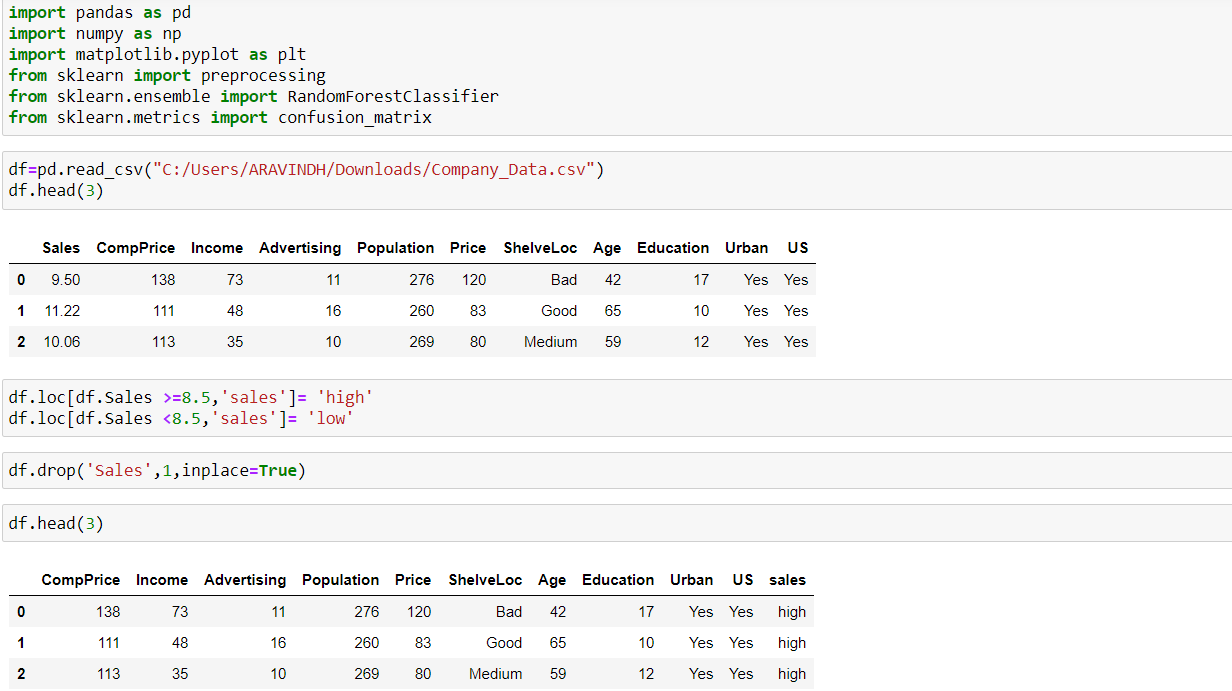
**ADABOOST:**

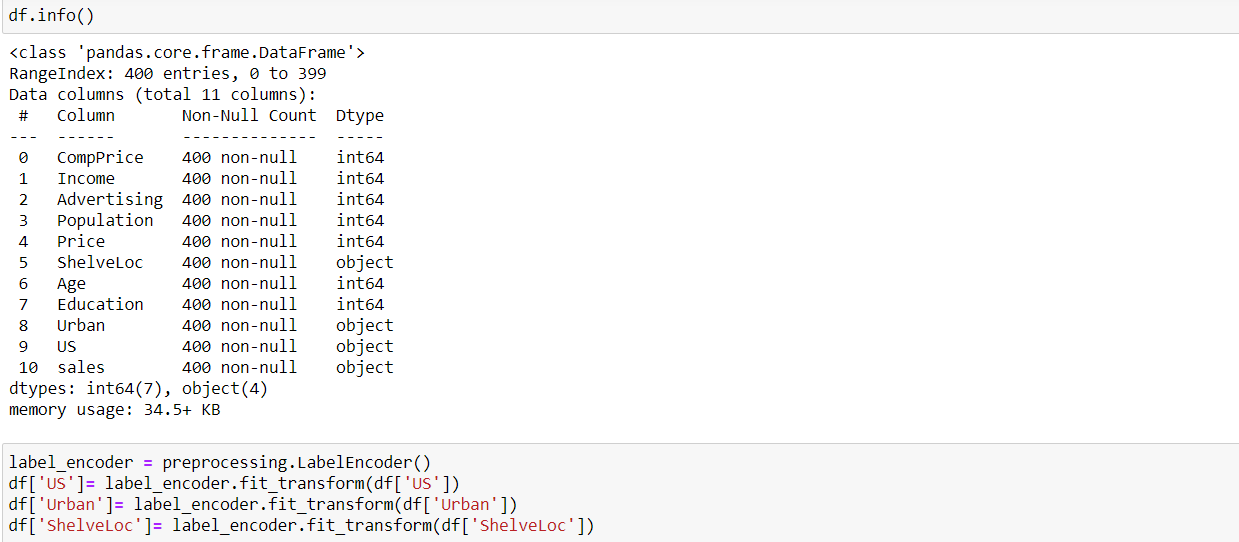
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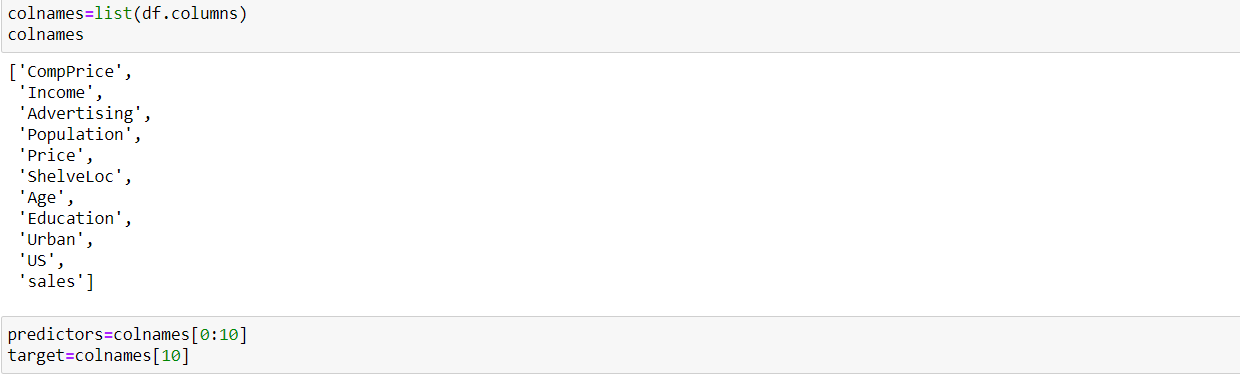
**QUESTION:**

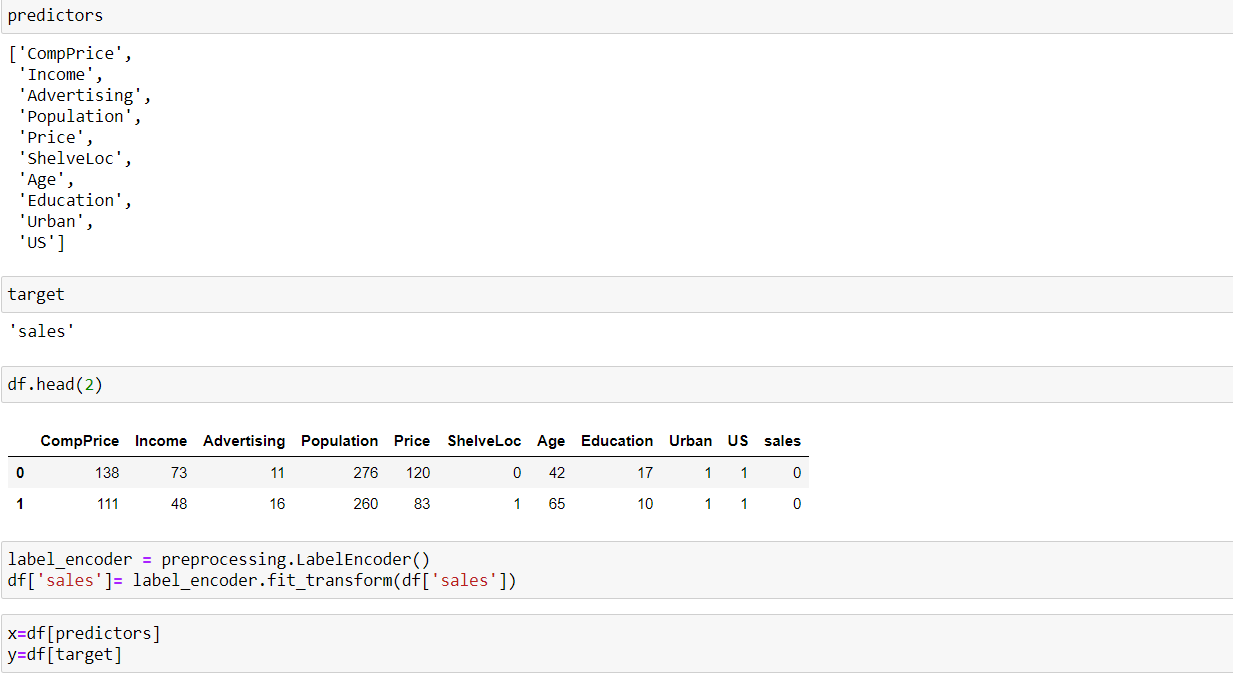
**A cloth manufacturing company is interested to know about the segment or attributes causes high sale. Approach - A Random Forest can be built with target variable Sales (we will first convert it in categorical variable) & all other variable will be independent in the analysis.**

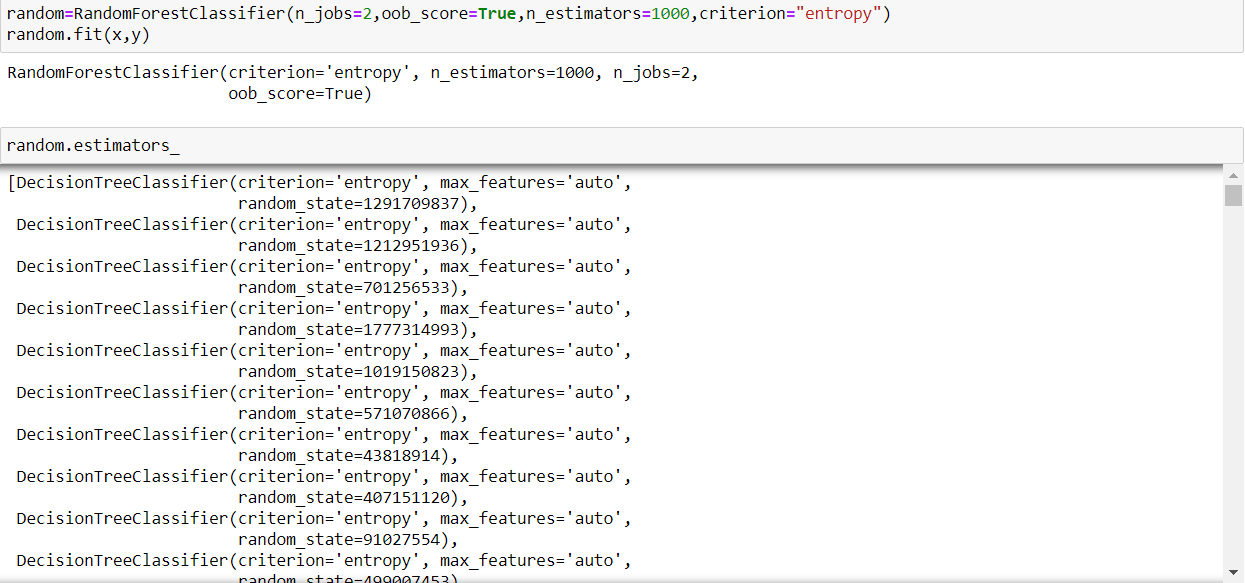
**DATASET:Company\_Data**

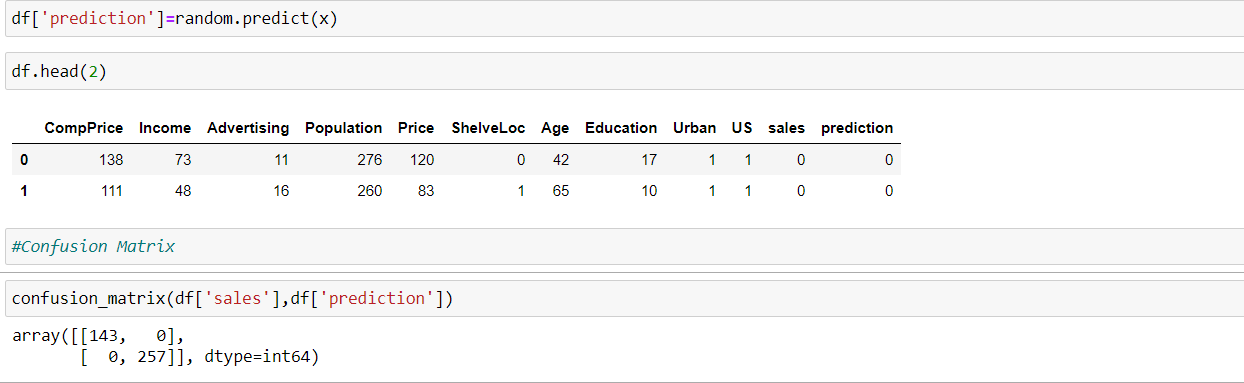
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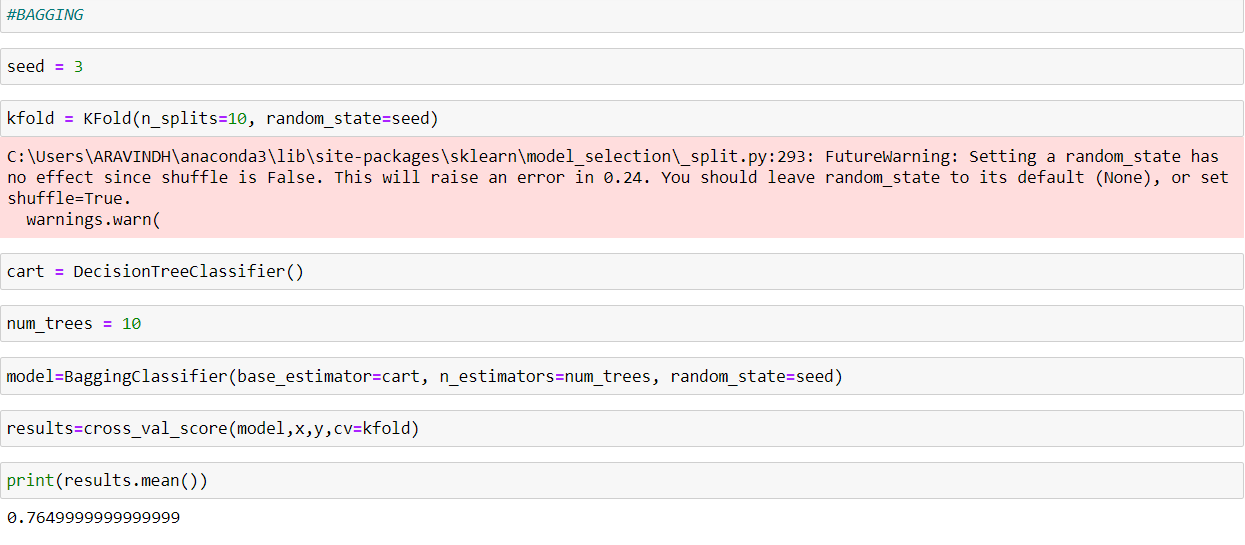
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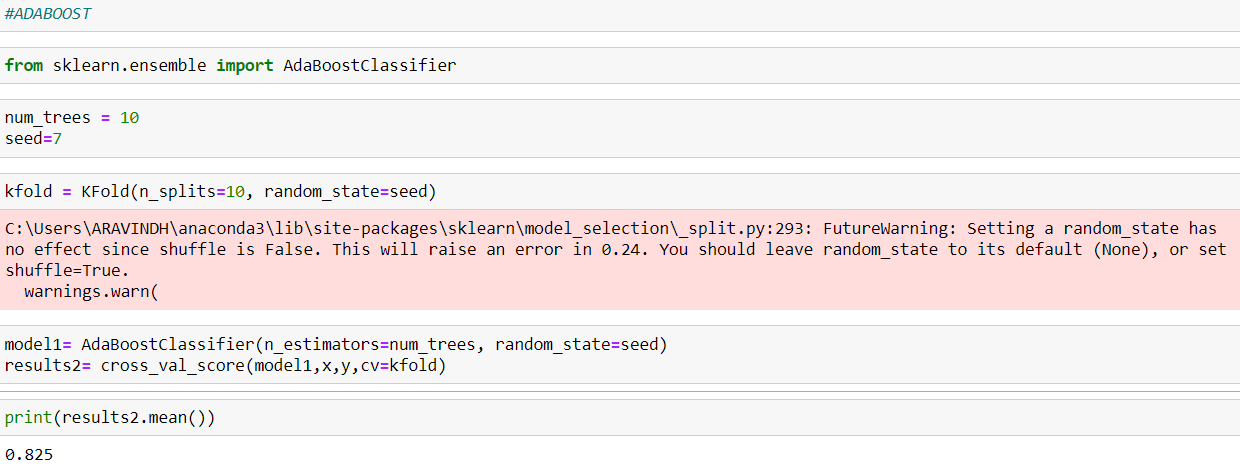
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**BAGGING:**

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**ADABOOST:**

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**QUESTION:  
Perform the following activity in R: → Build a random forest for the ‘iris’ data.**

**DATASET: Iris**