**MACHINE LEARNING   
LAB**

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**CLASS: CSE-3**

**ROLL NO : 40876802717**

**EXPERIMENT-2**

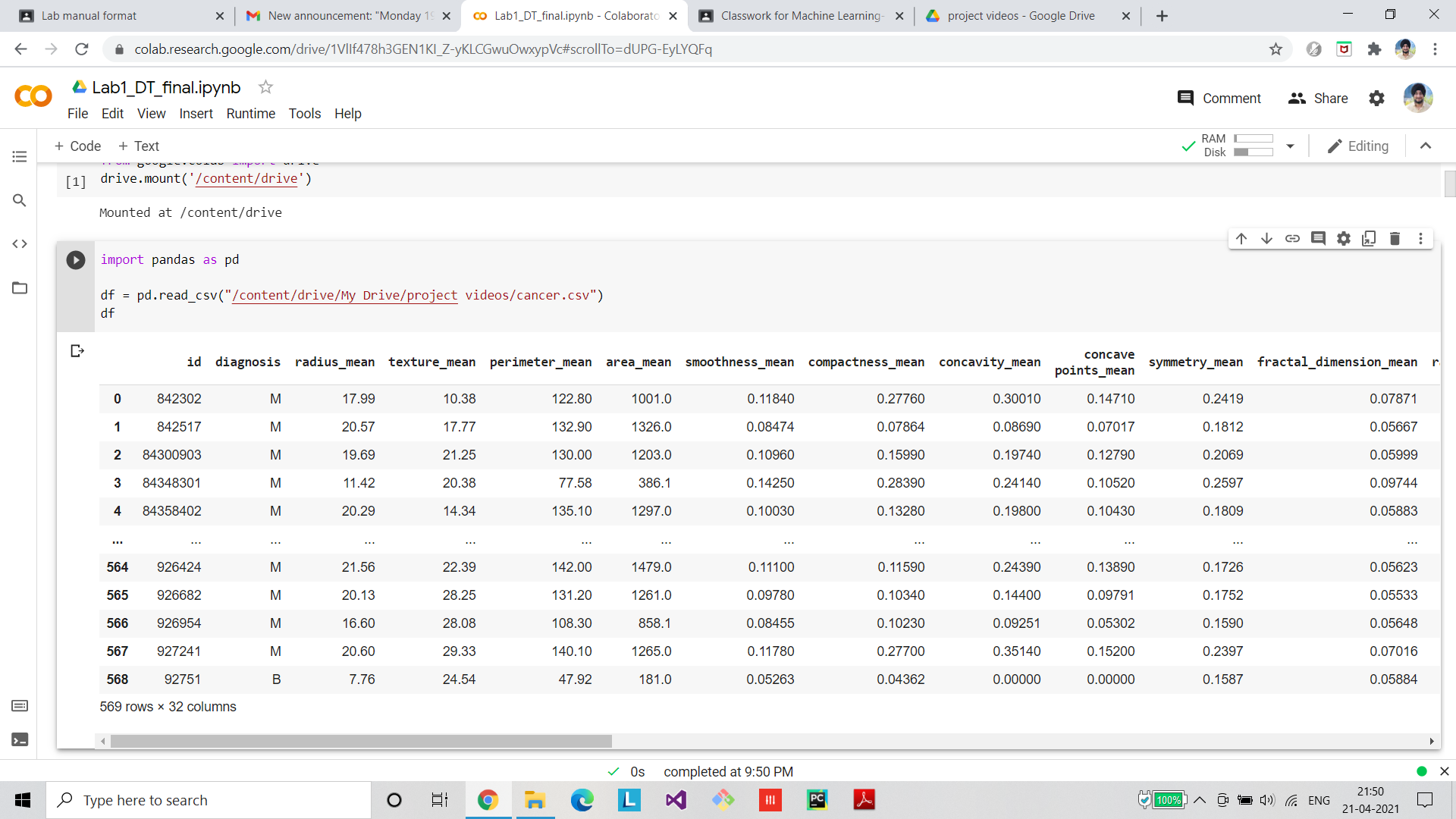
**Problem Statement**

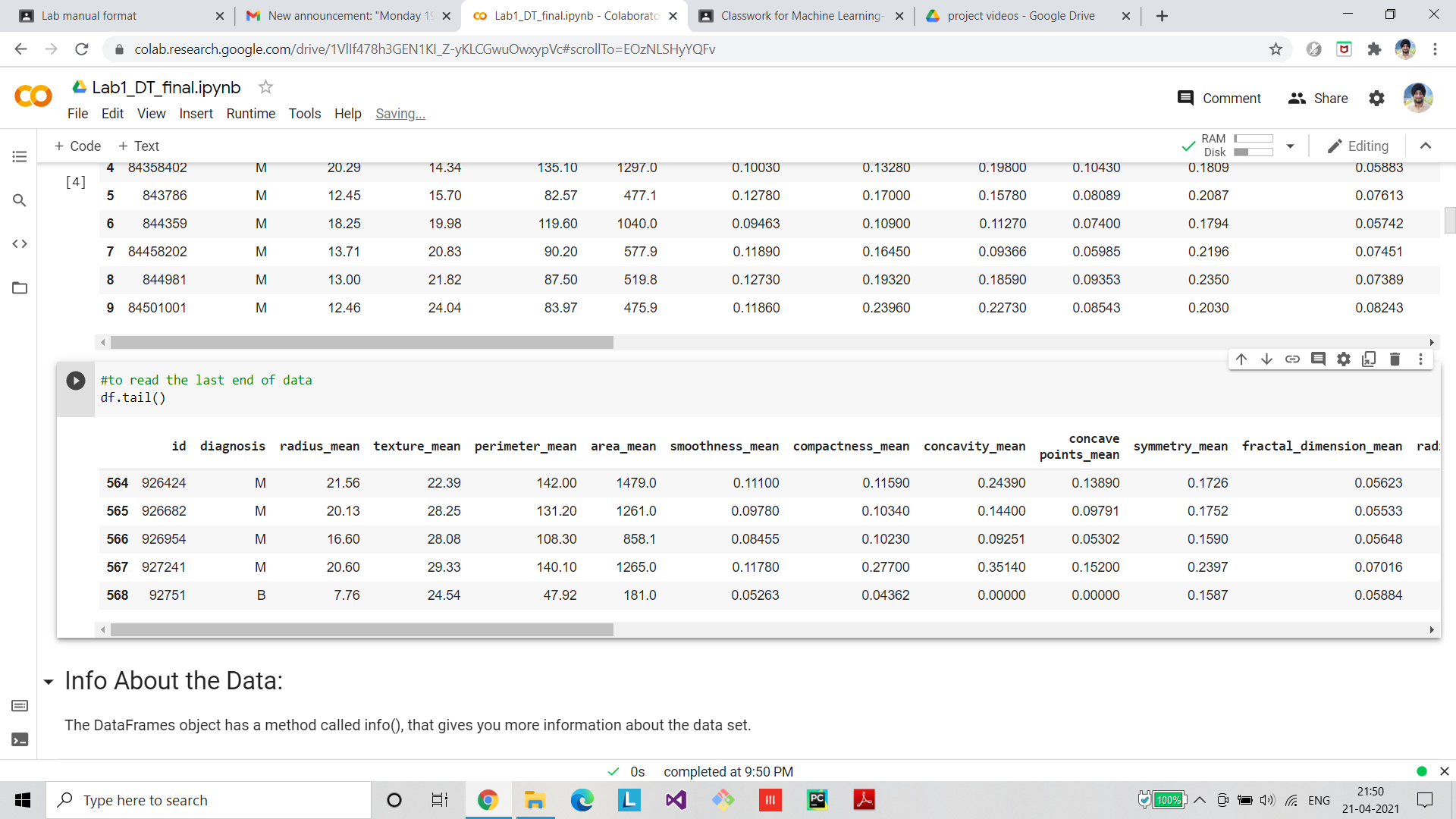
Implementation of decision tree on a breast cancer dataset using sklearn in python.

**Github Link :** https://github.com/sngmanish/ML\_Assignments/tree/master/LabAssignment2

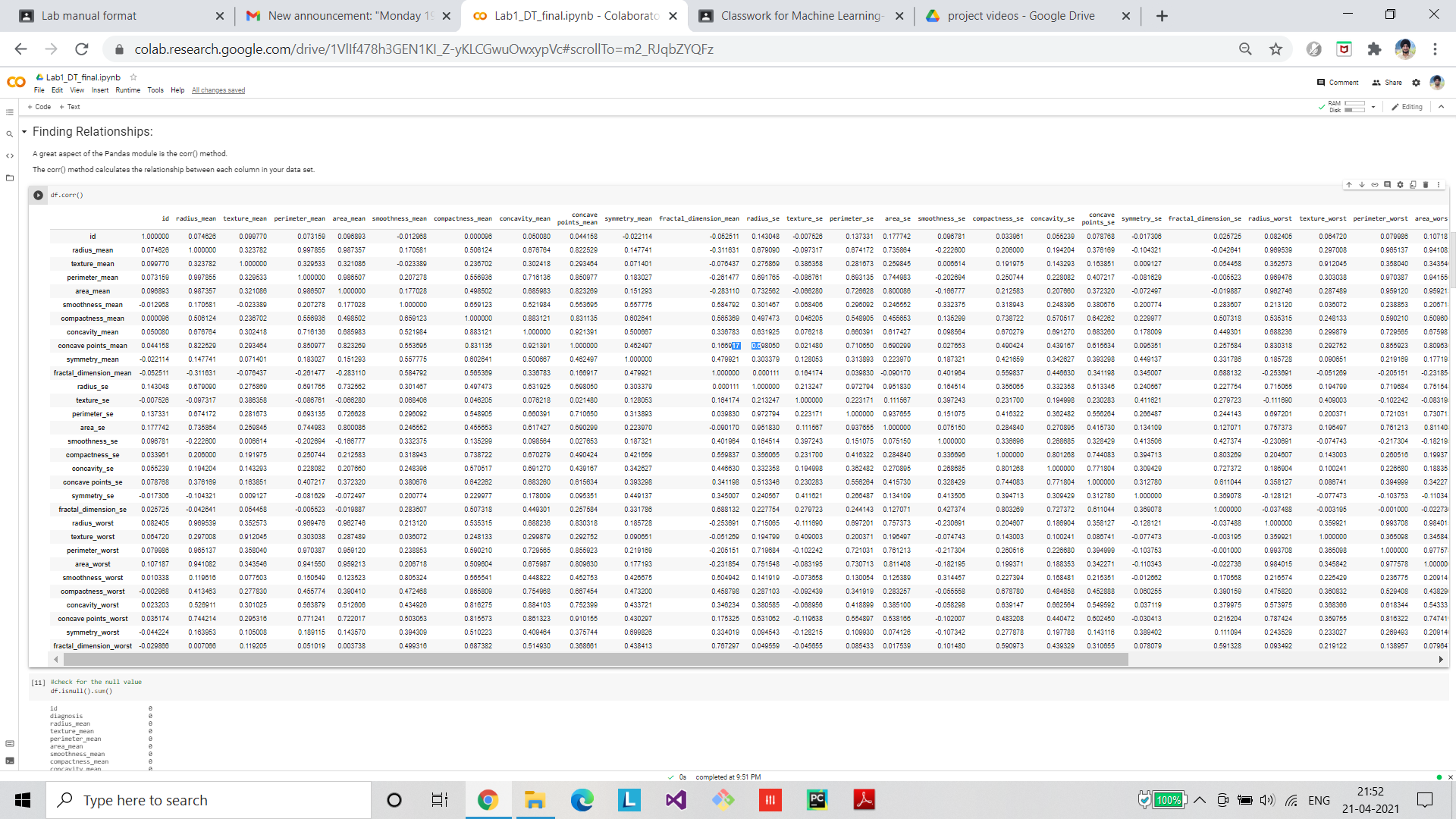
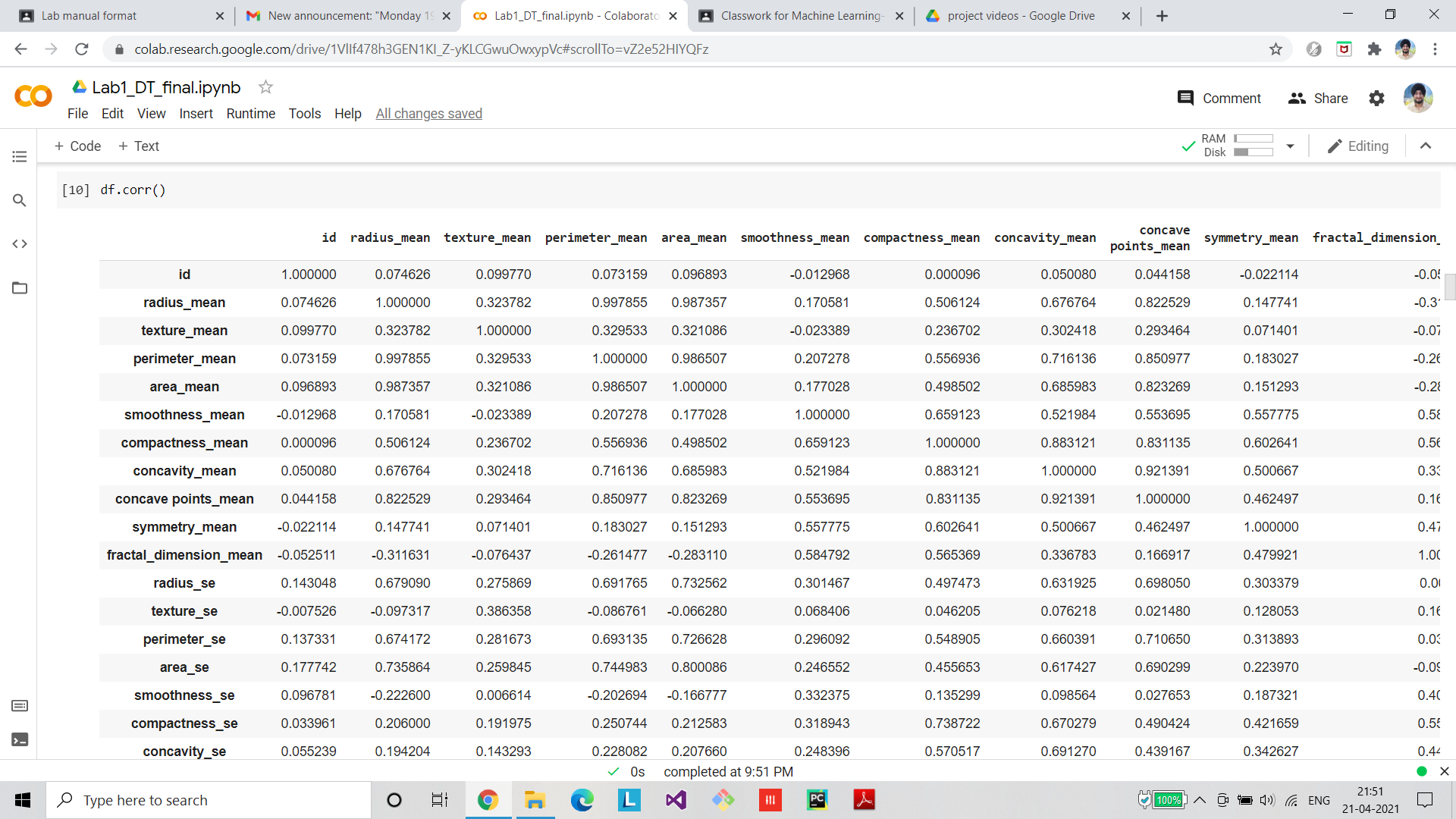
**Program Code Snippet**

**Loading Dataset**

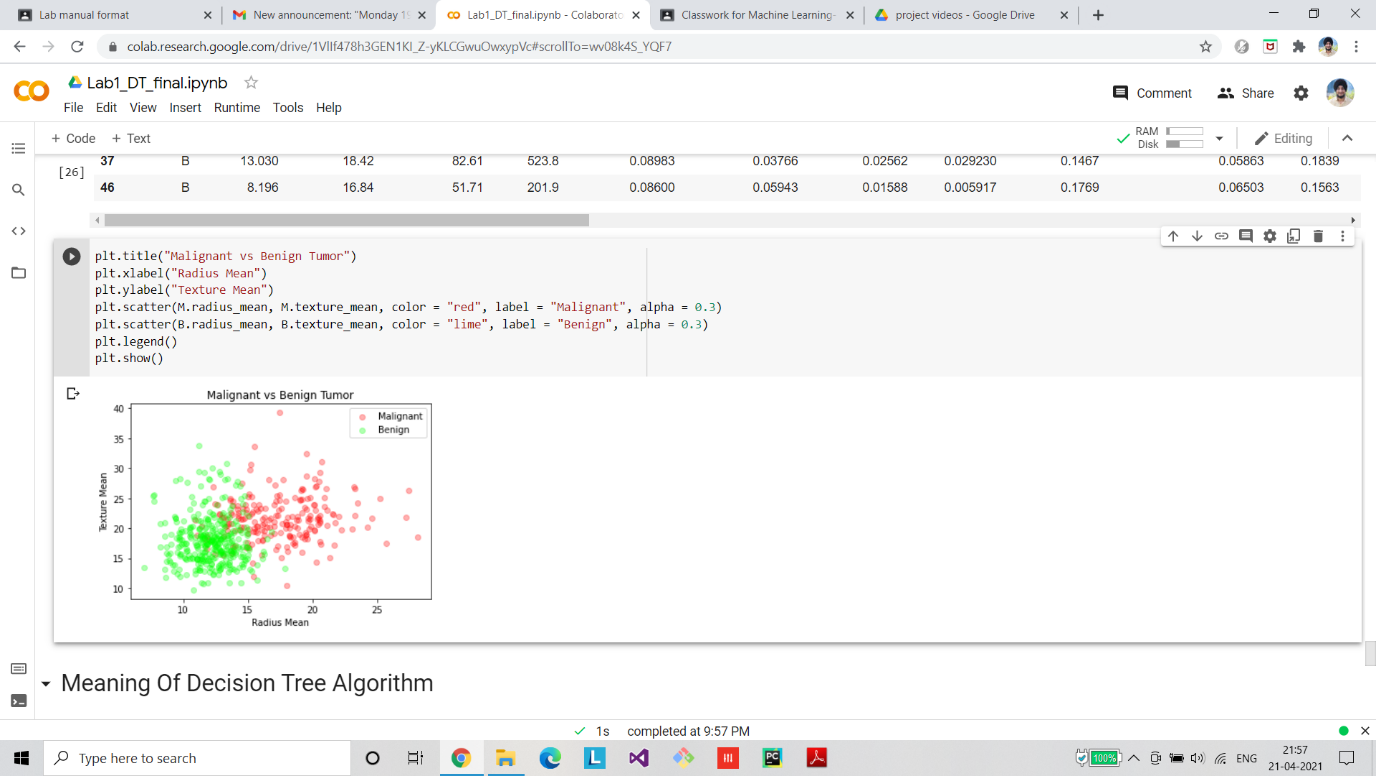
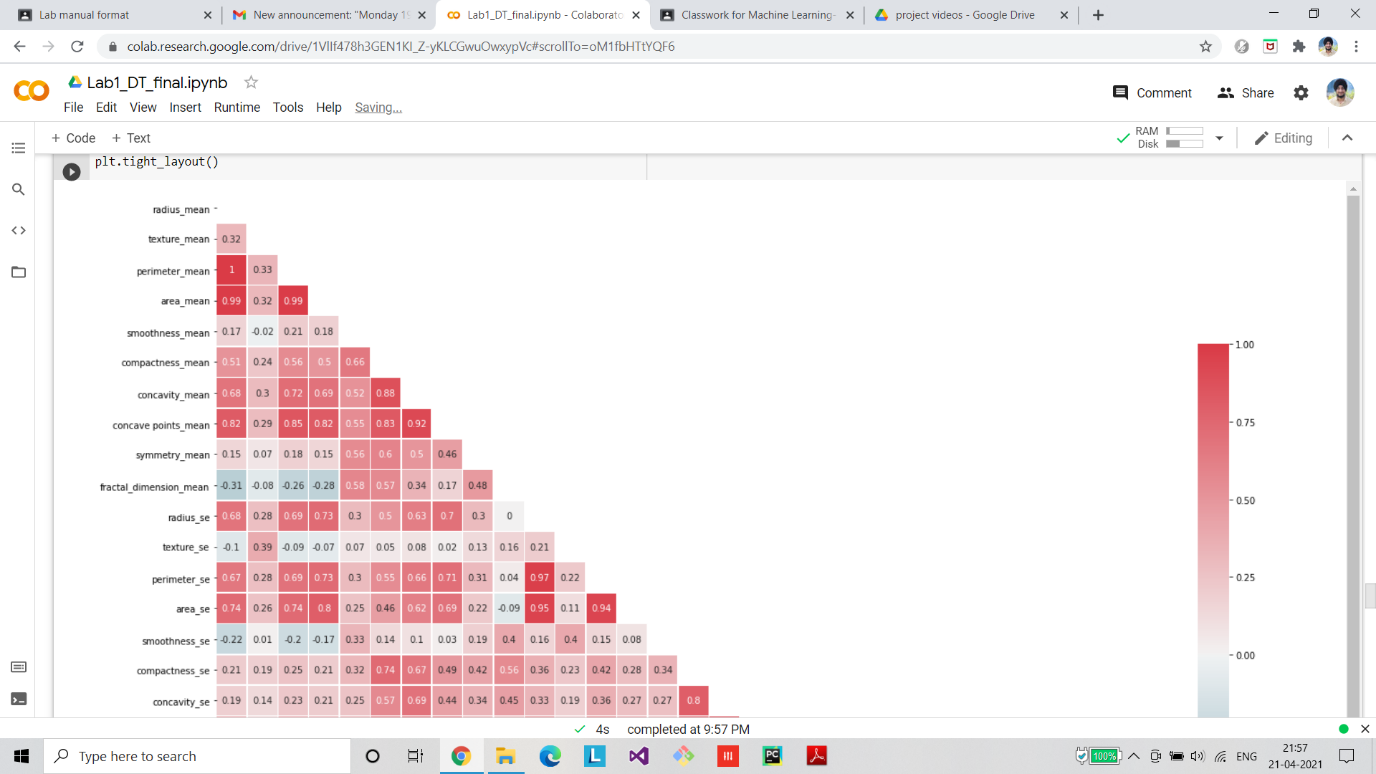
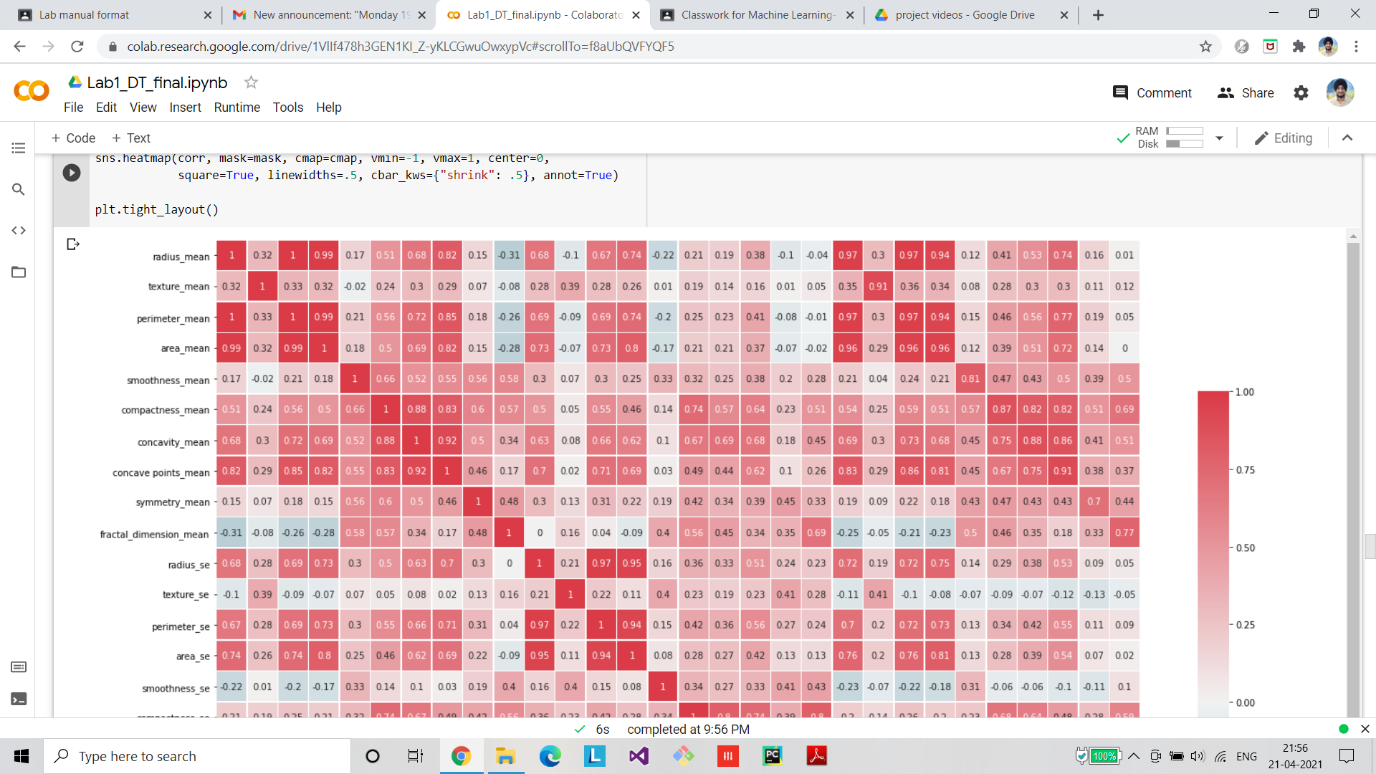
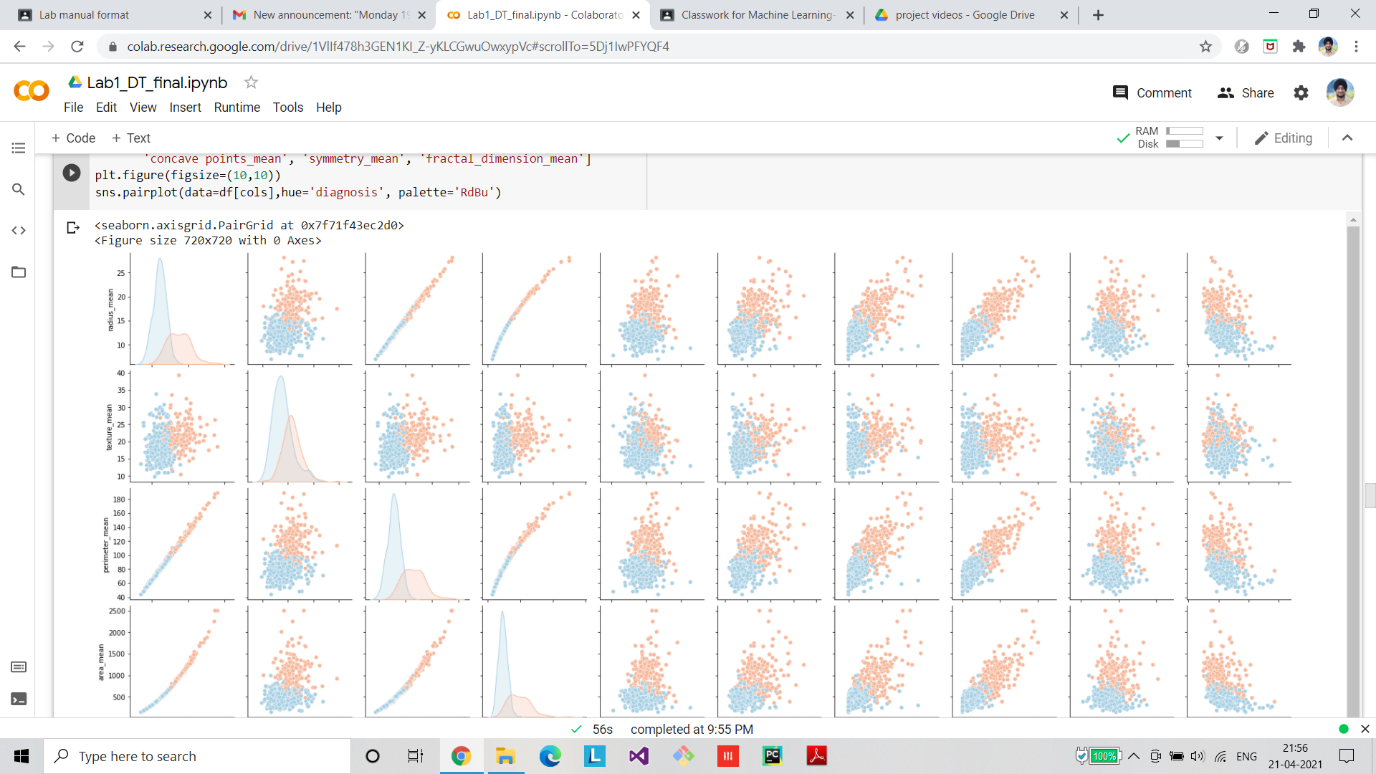
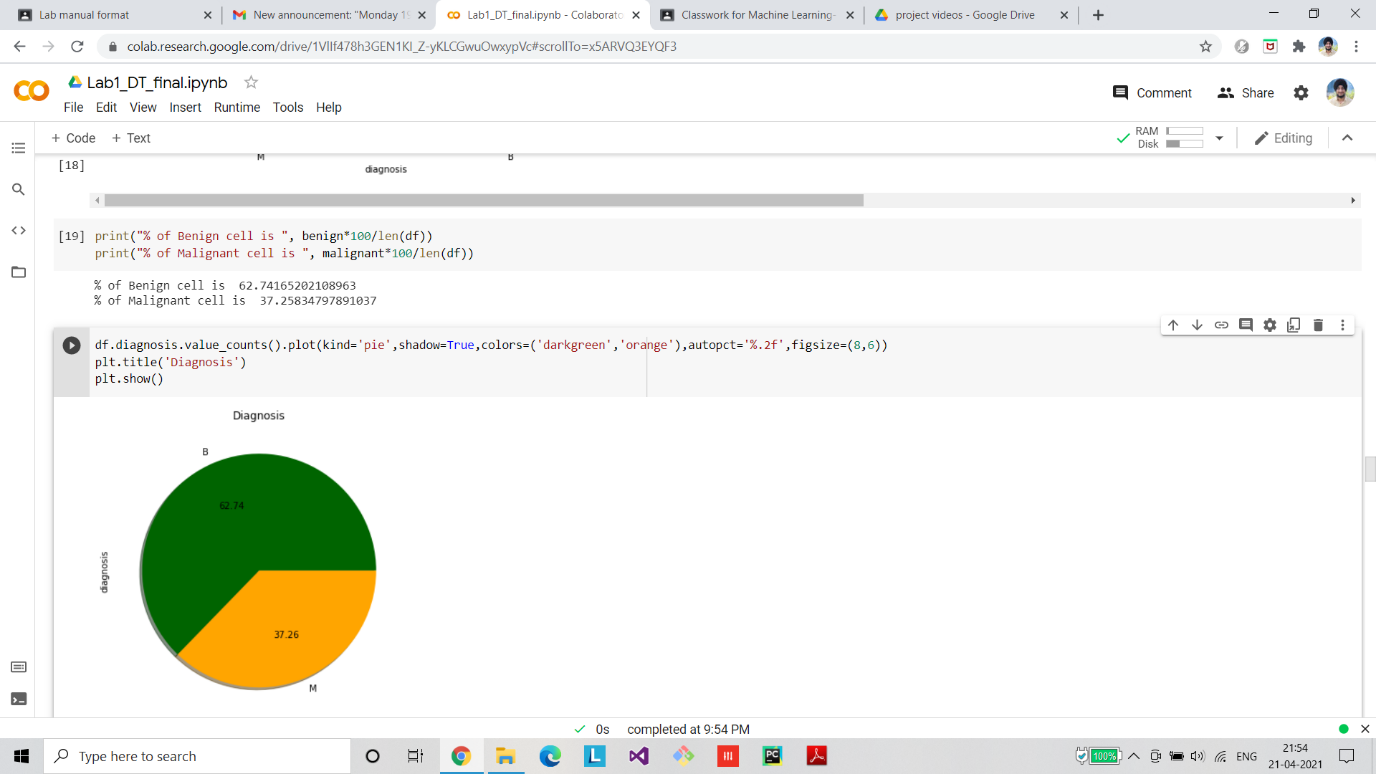
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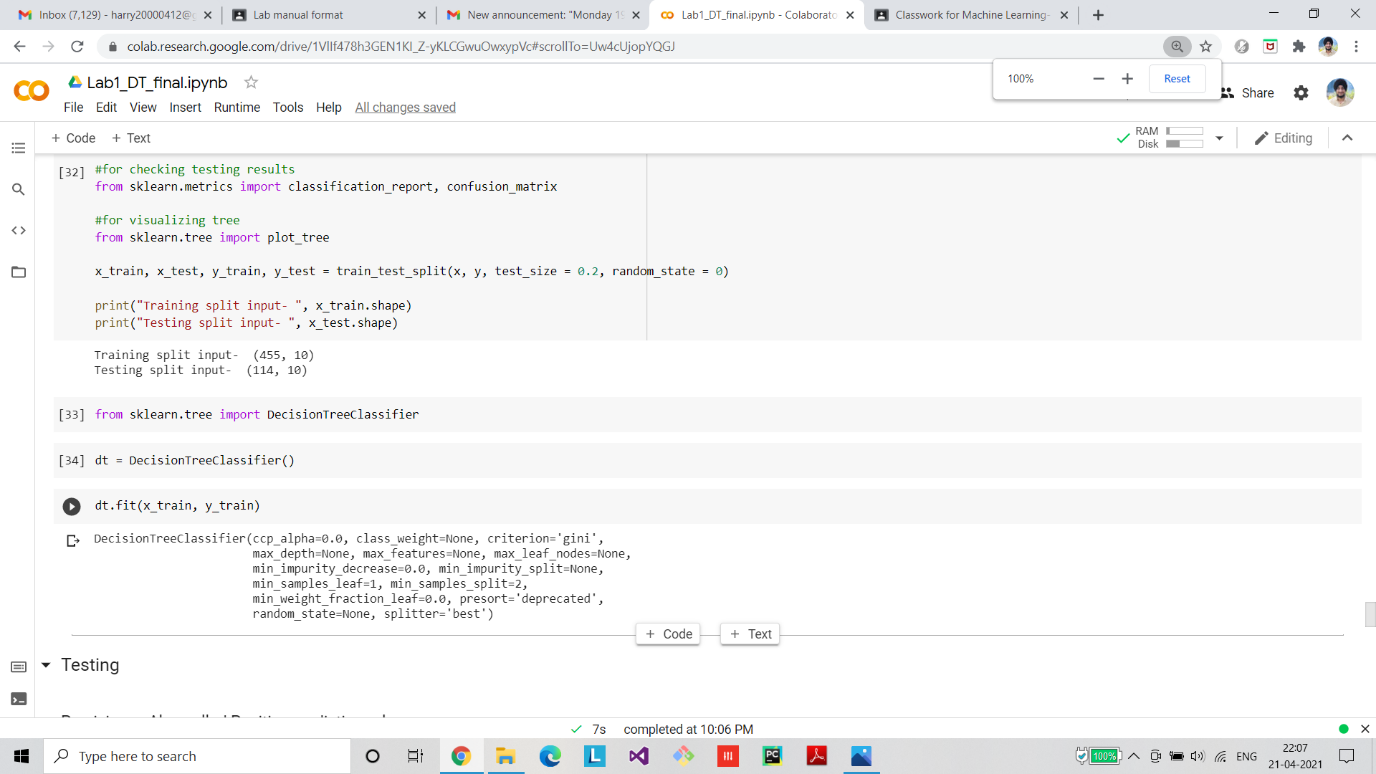
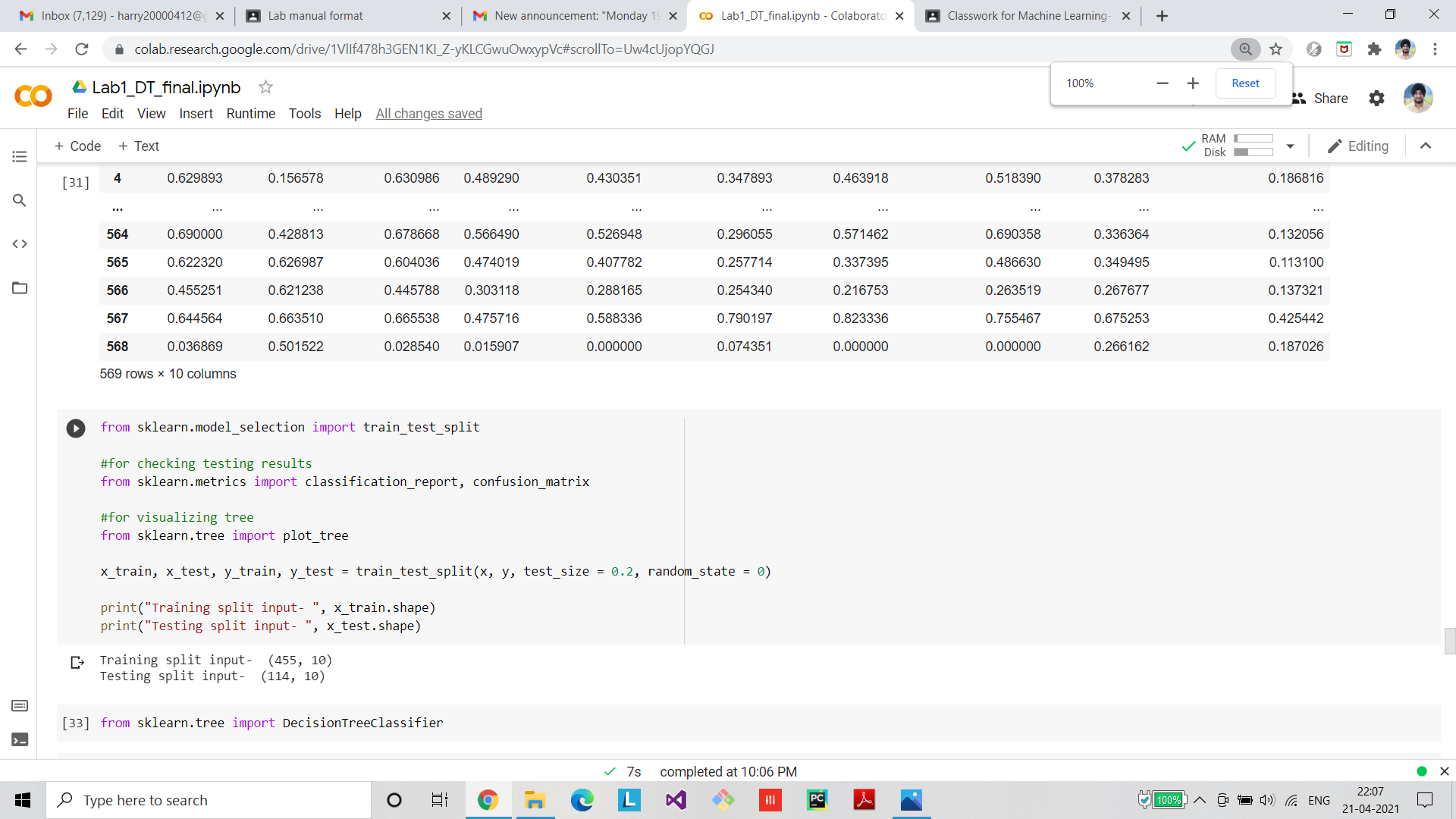
**Preprocessing/Cleaning of dataset**

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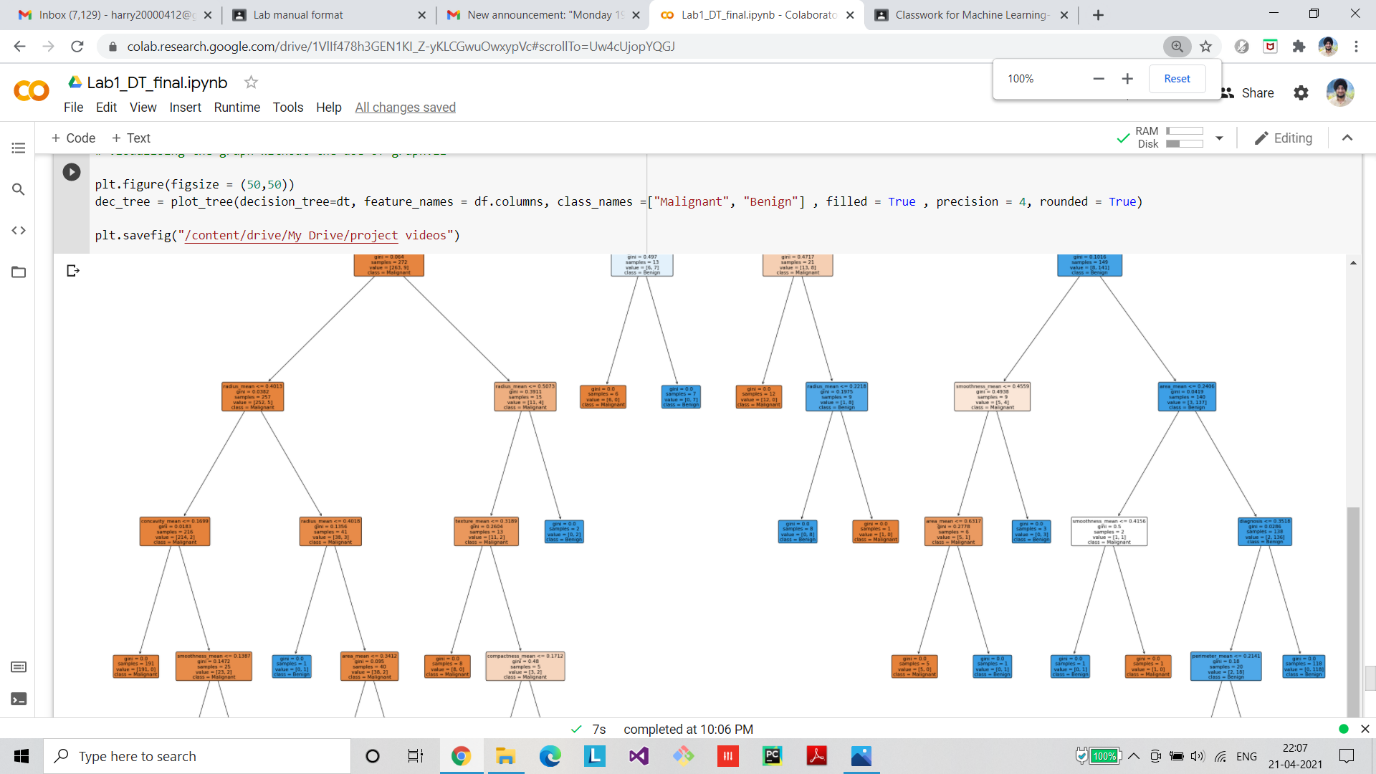
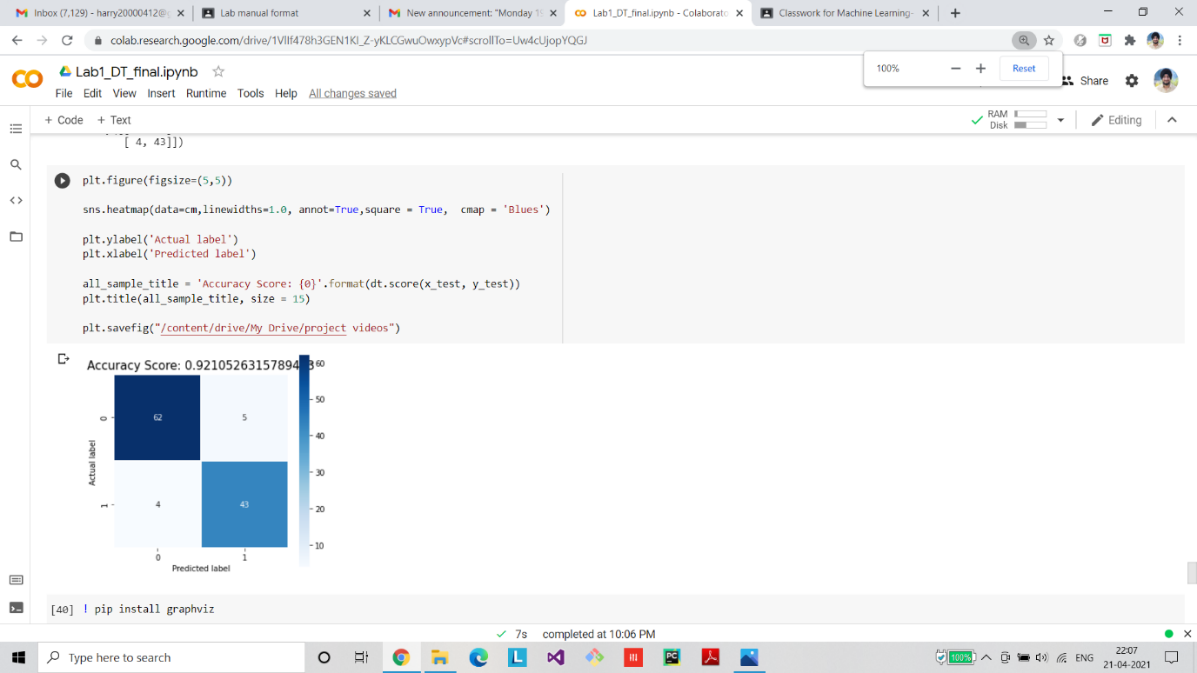
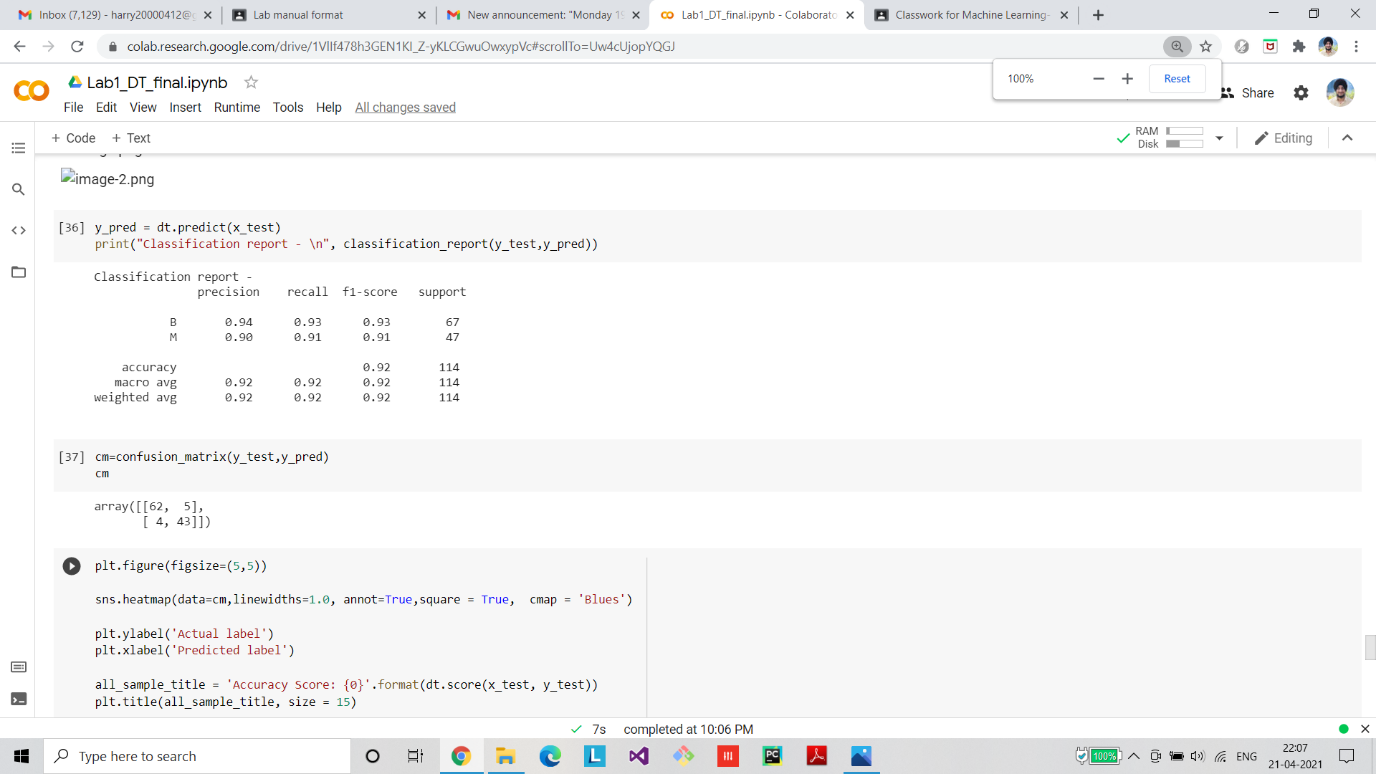
**Visualization**

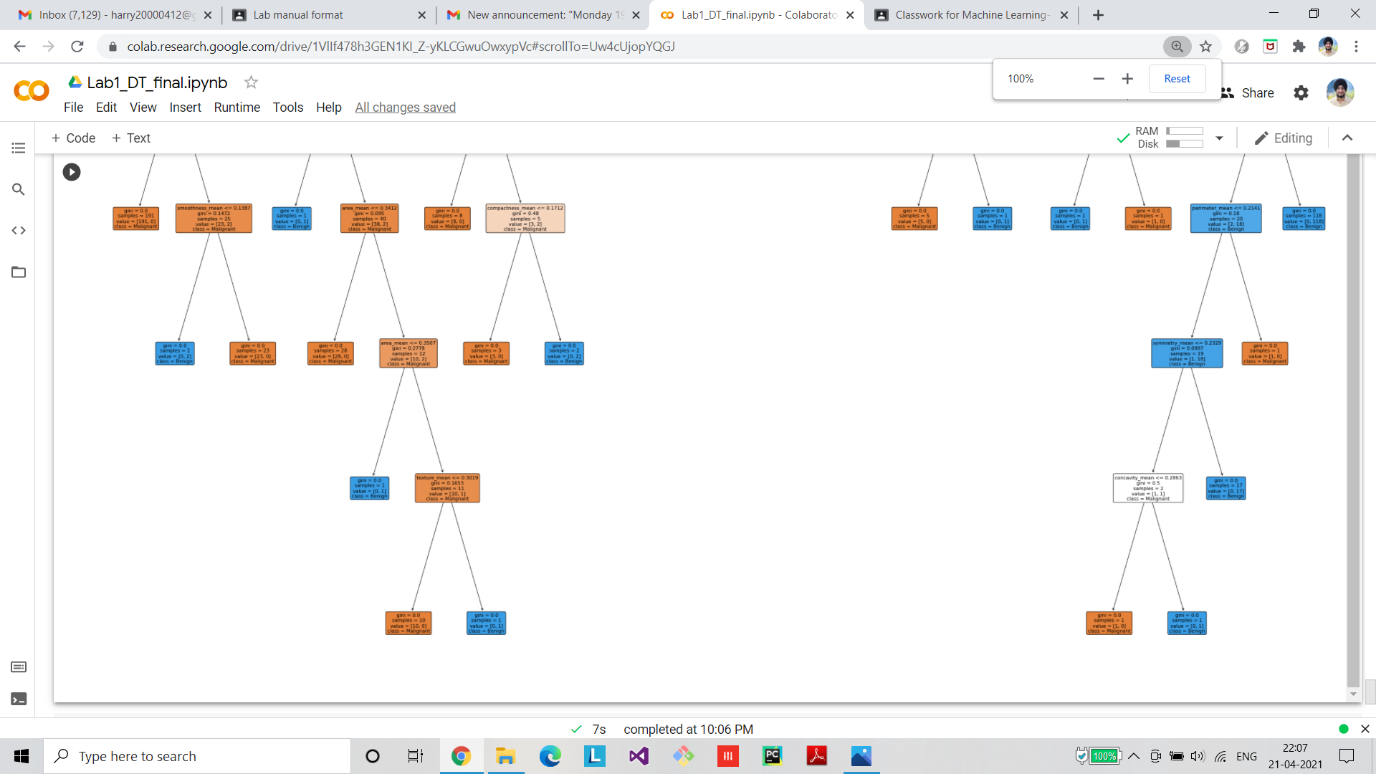
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**Algorithm Implementation**

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**Final Graph/ROC/Confusion Matrix**

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**Github Link**

https://github.com/sngmanish/ML\_Assignments/tree/master/LabAssignment2