**MACHINE LEARNING FILE**

**NAME: GURPUNEET SINGH**

**CLASS: CSE-3**

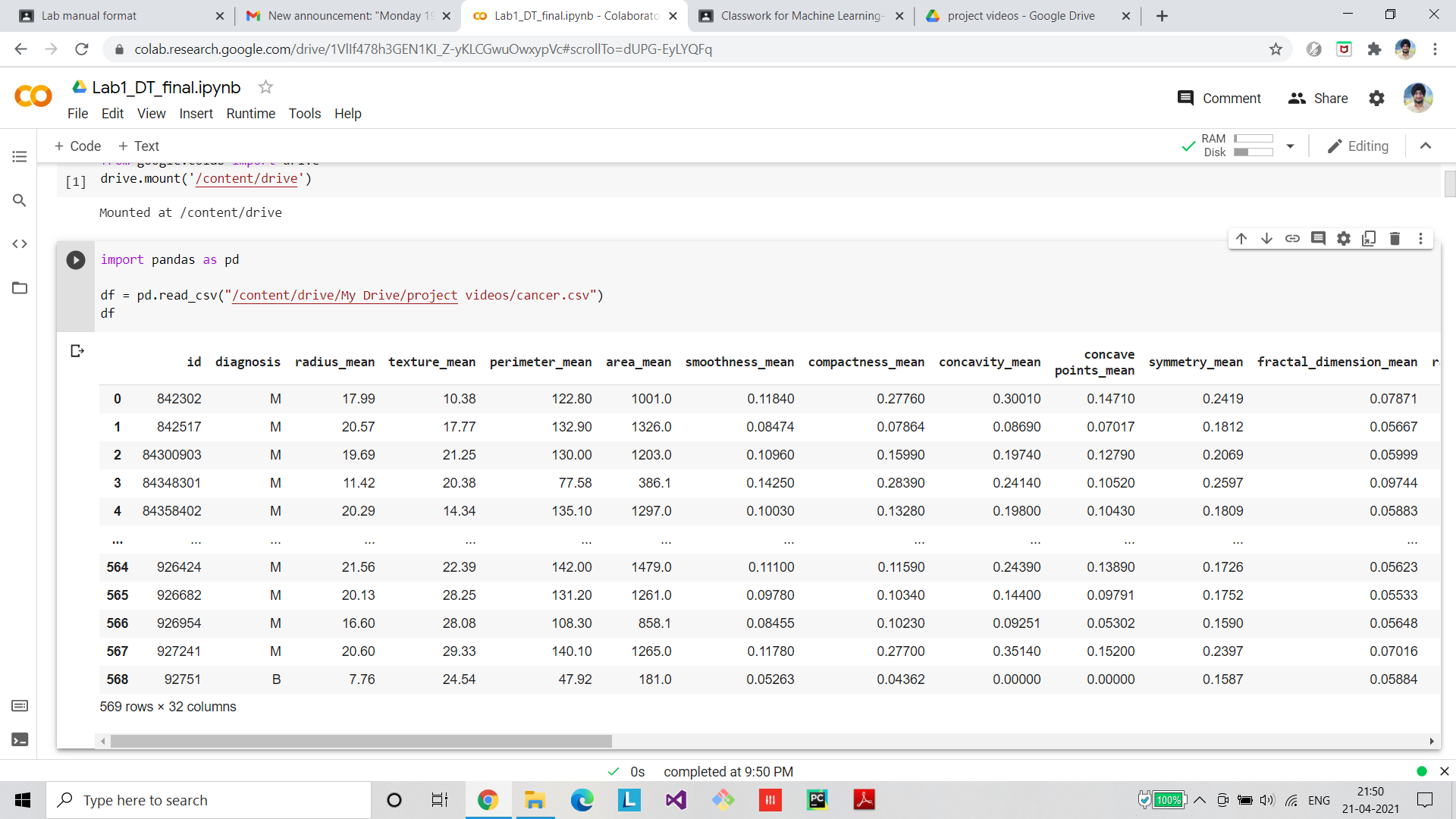
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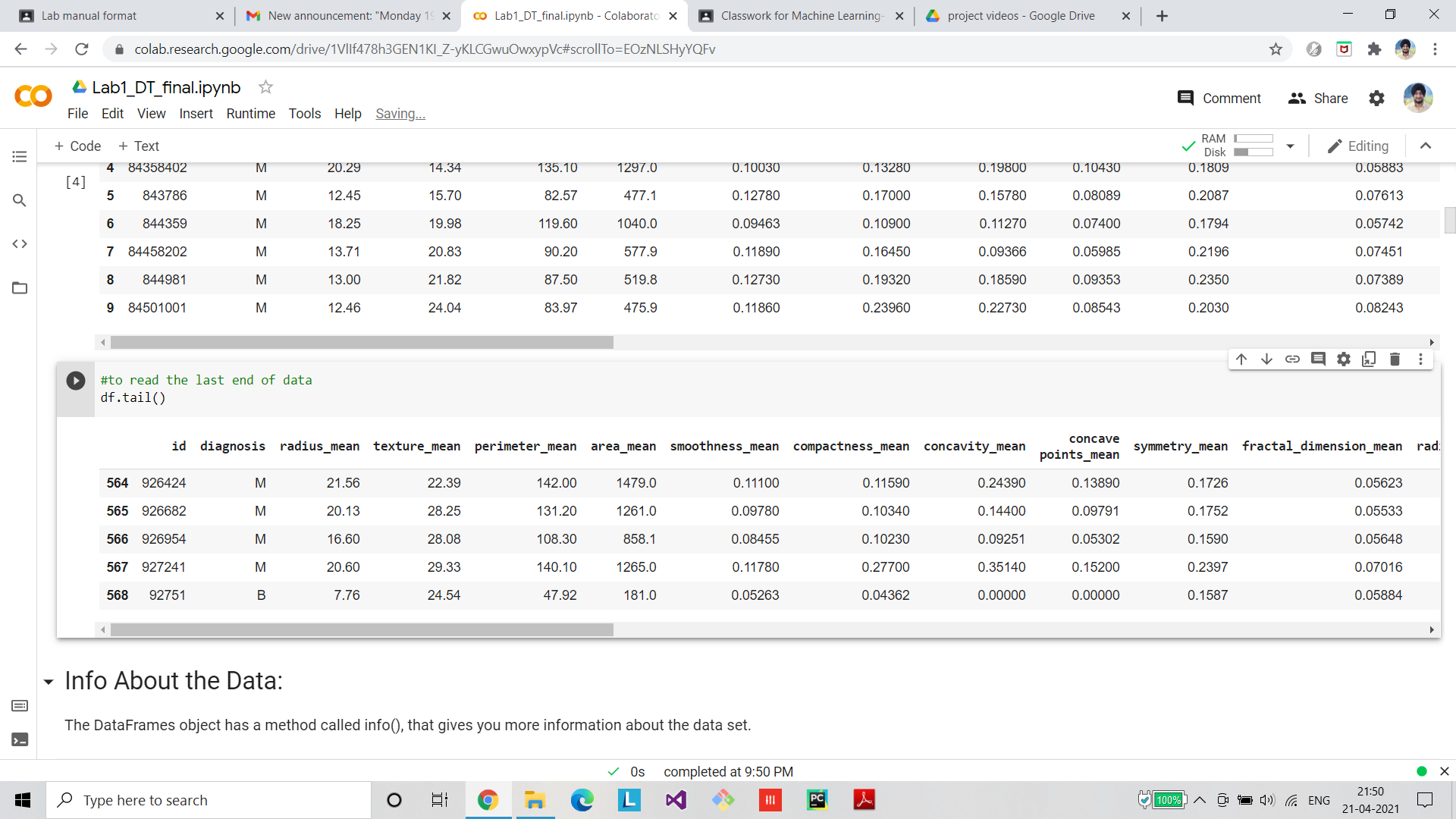
**EXPERIMENT-1**

**Problem Statement**

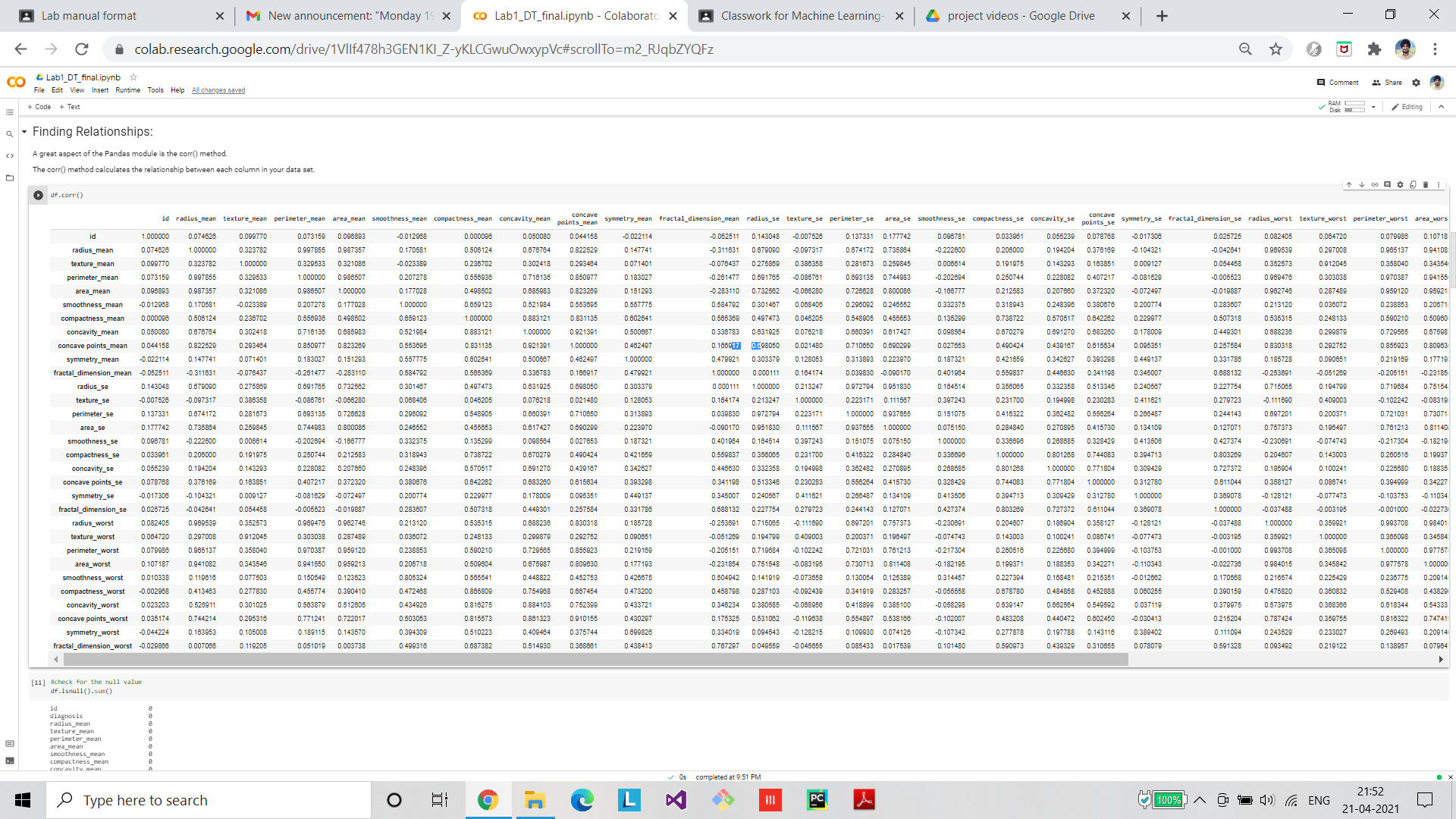
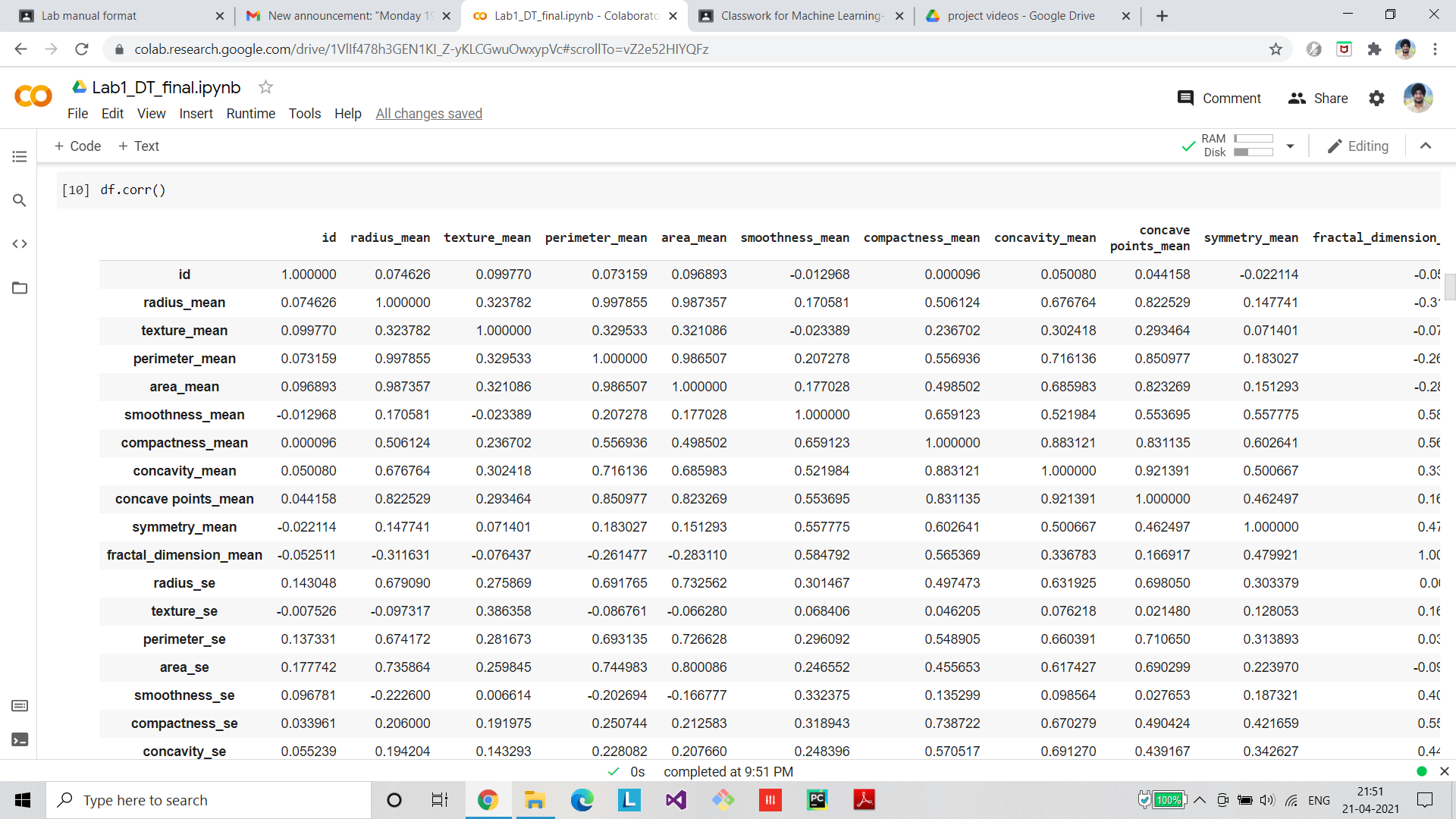
To implement Decision Tree algorithm

**Program Code Snippet**

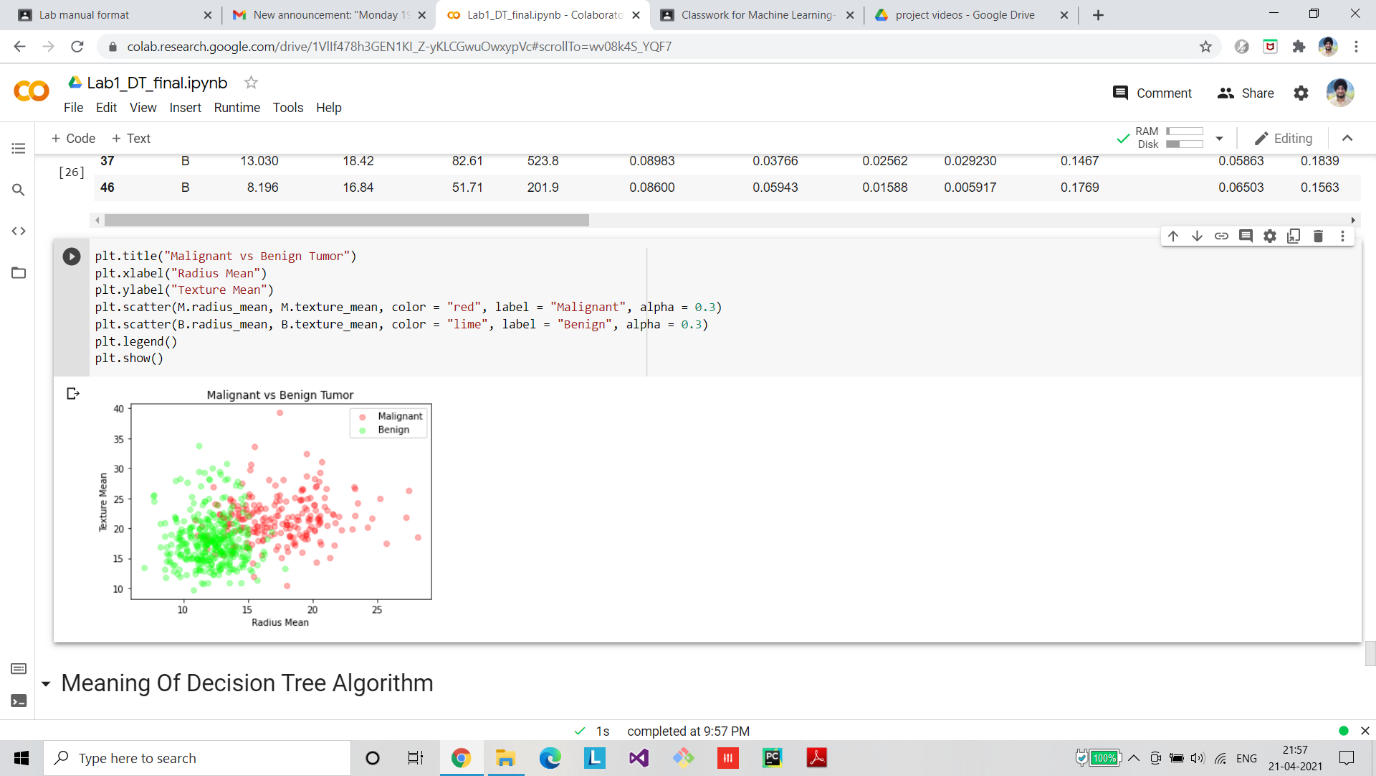
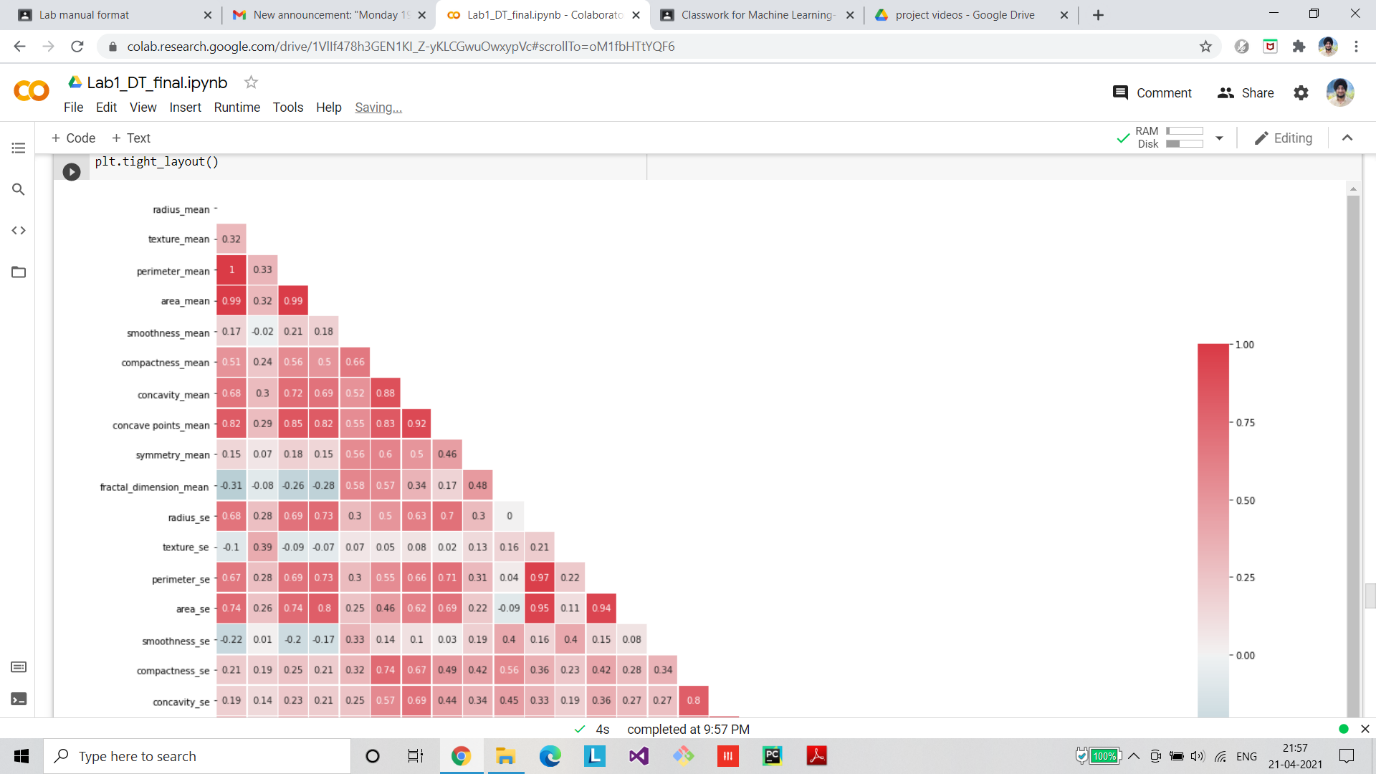
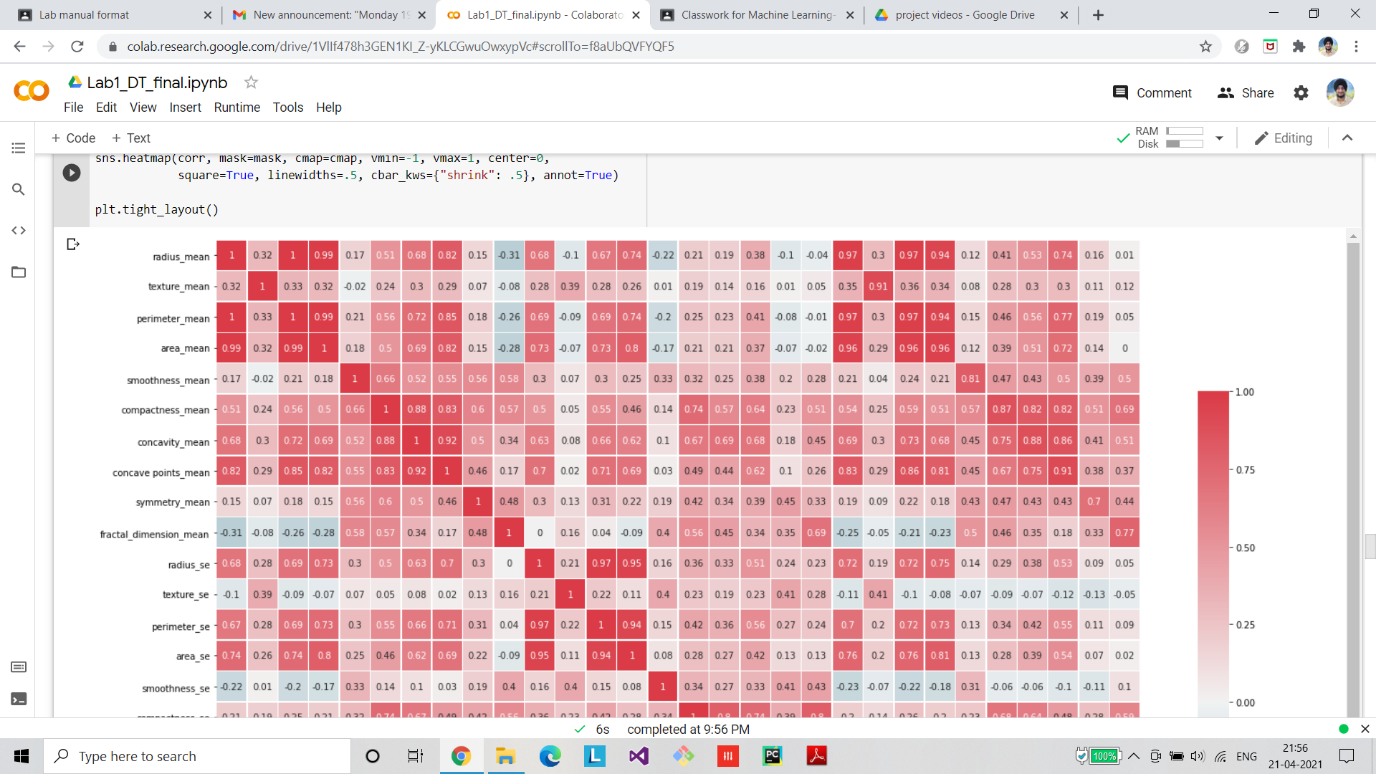
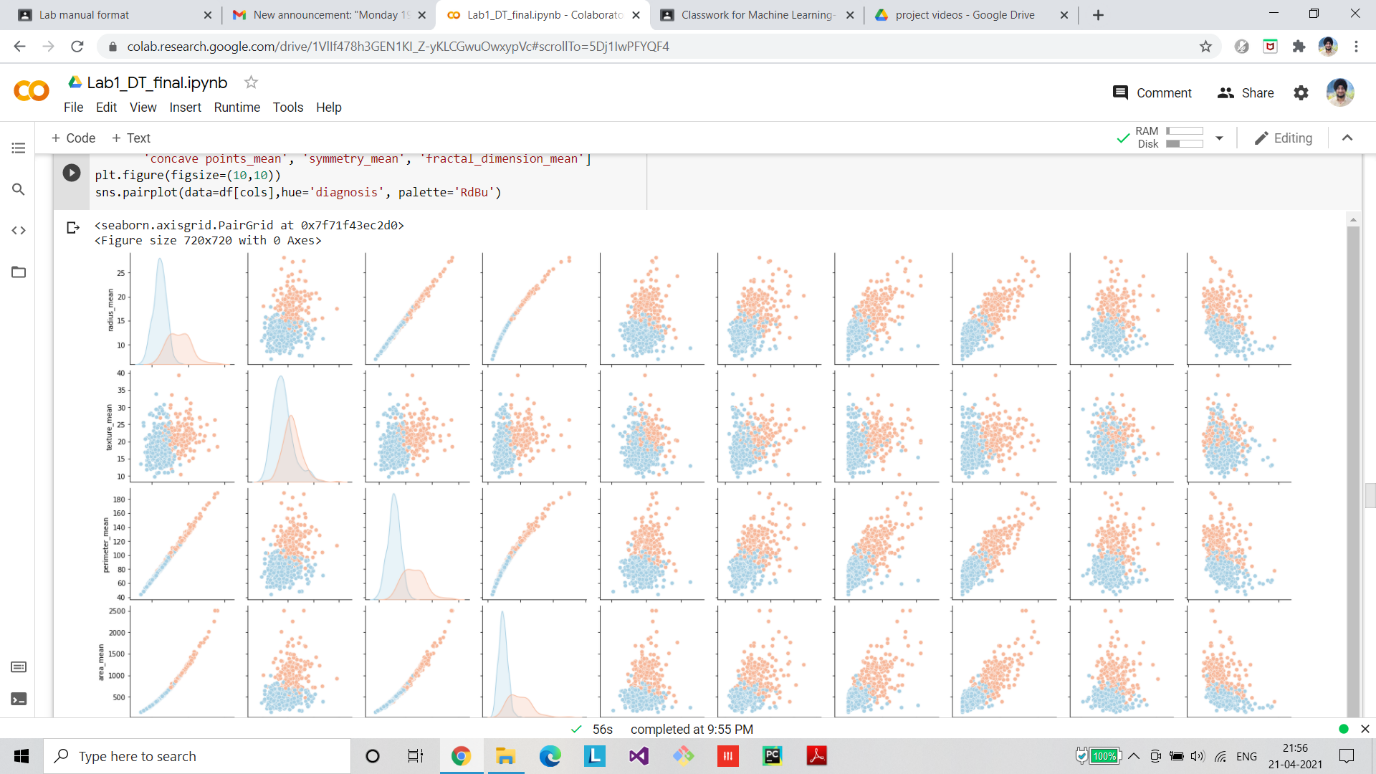
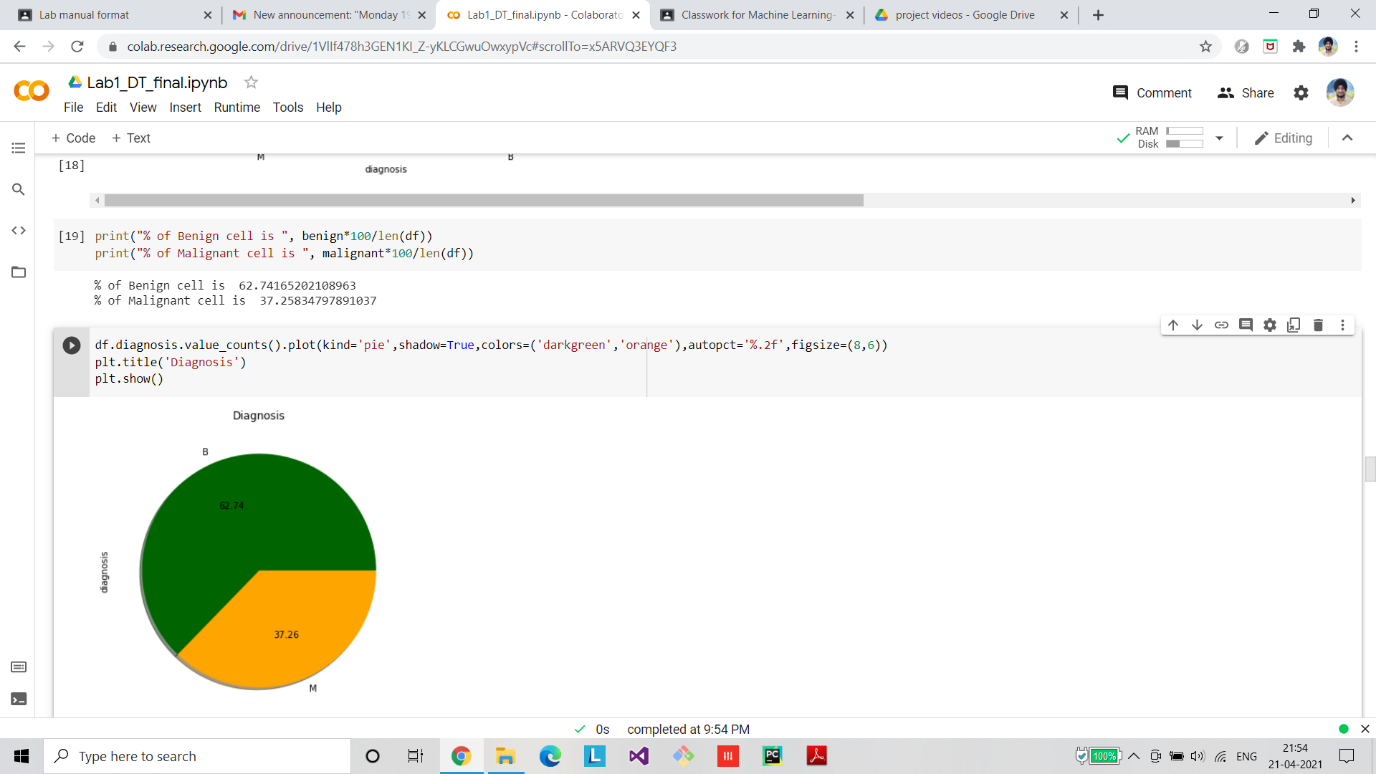
**Loading Dataset**

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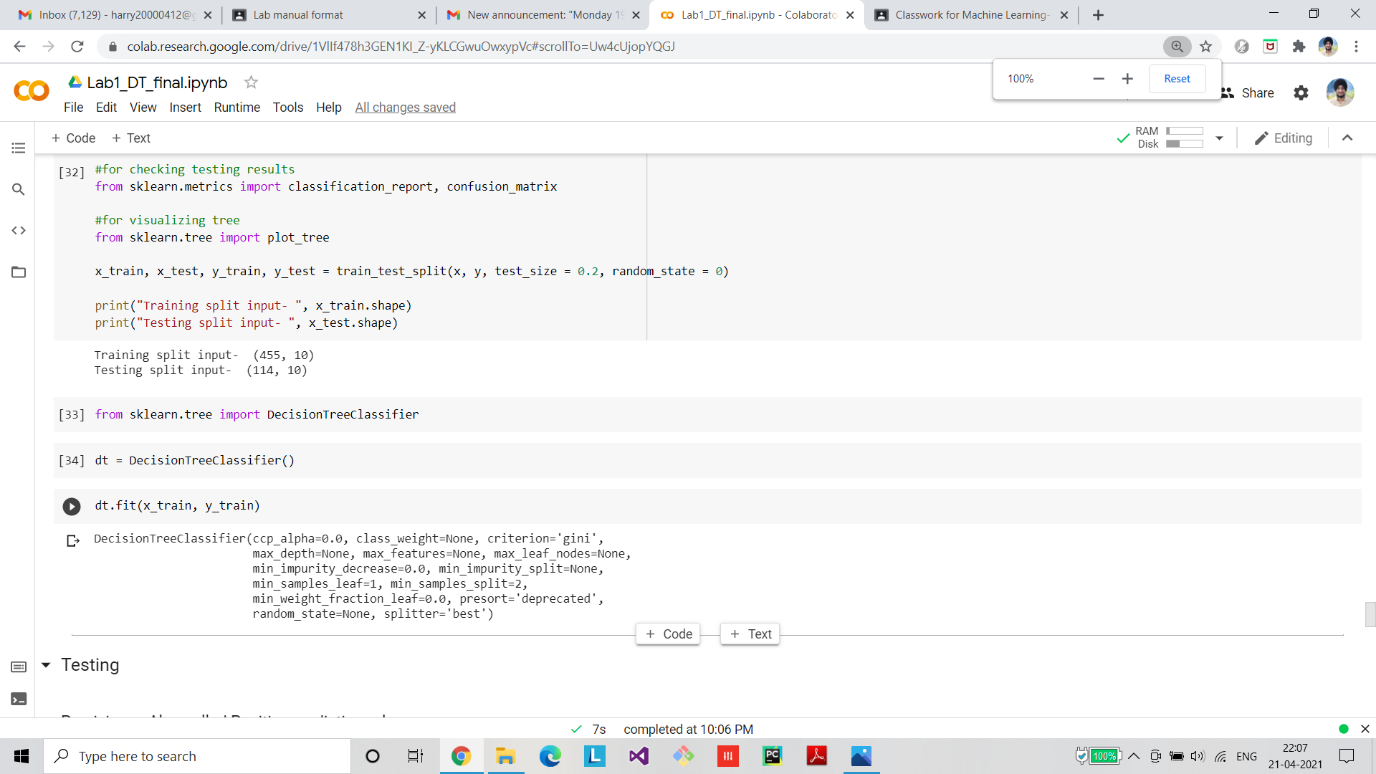
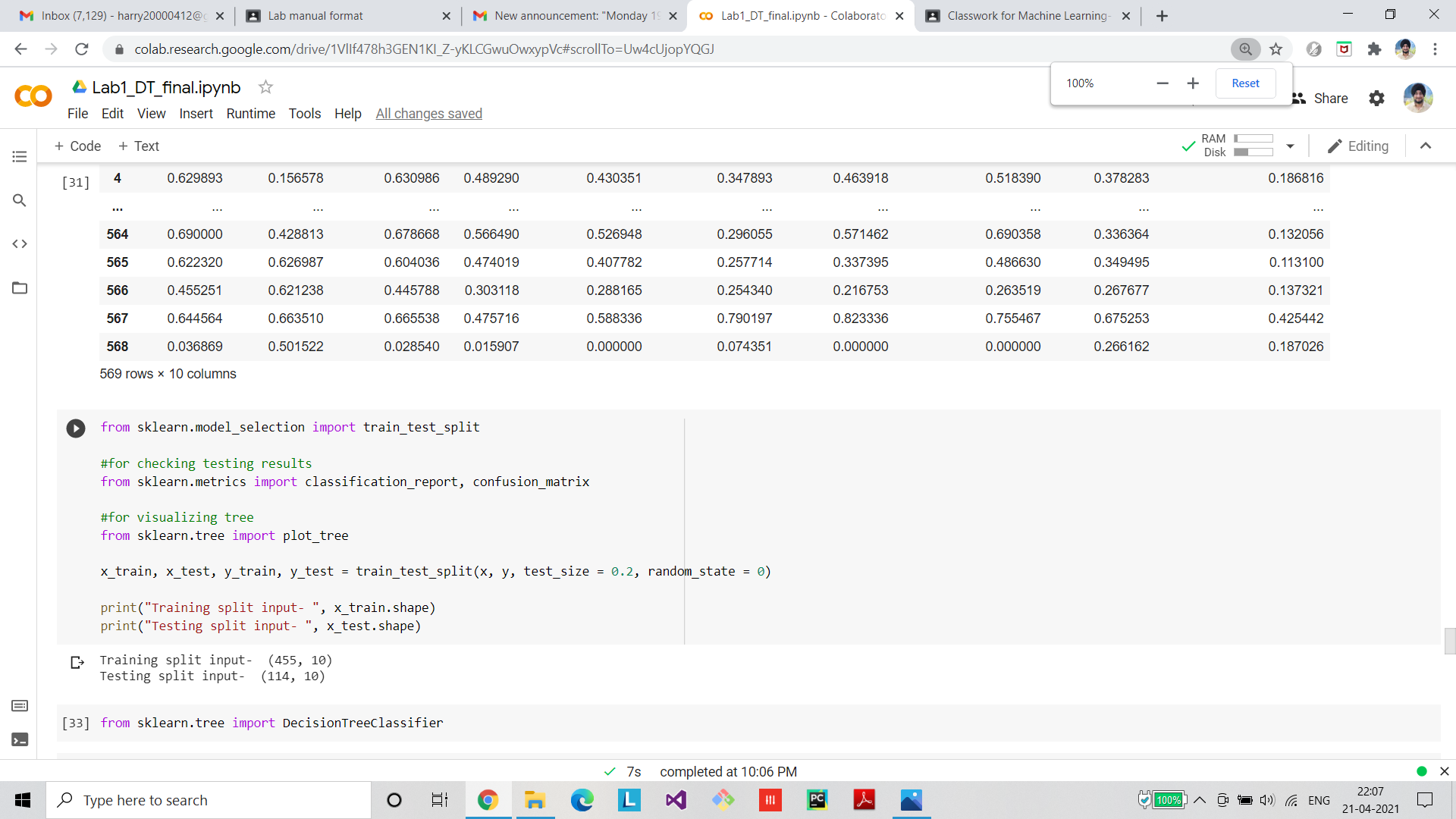
**Preprocessing/Cleaning of dataset**

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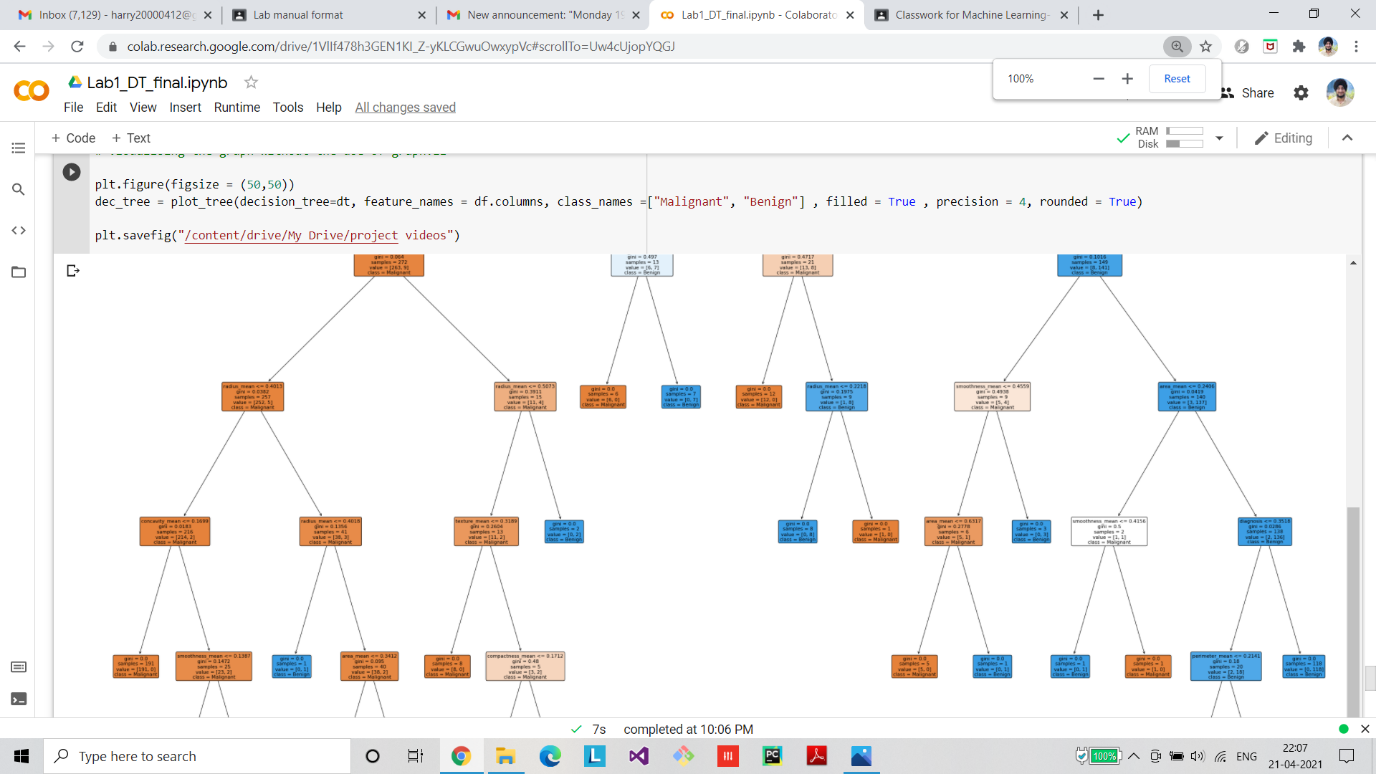
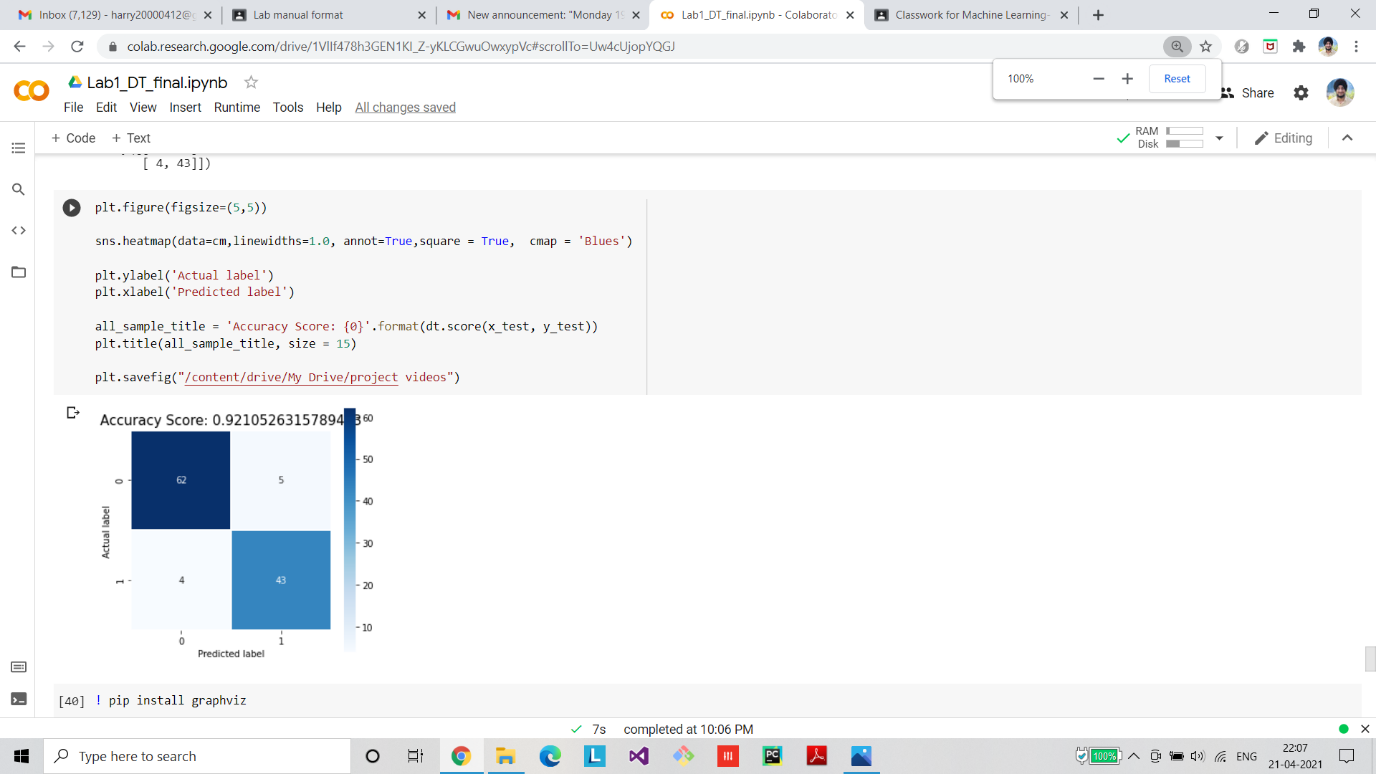
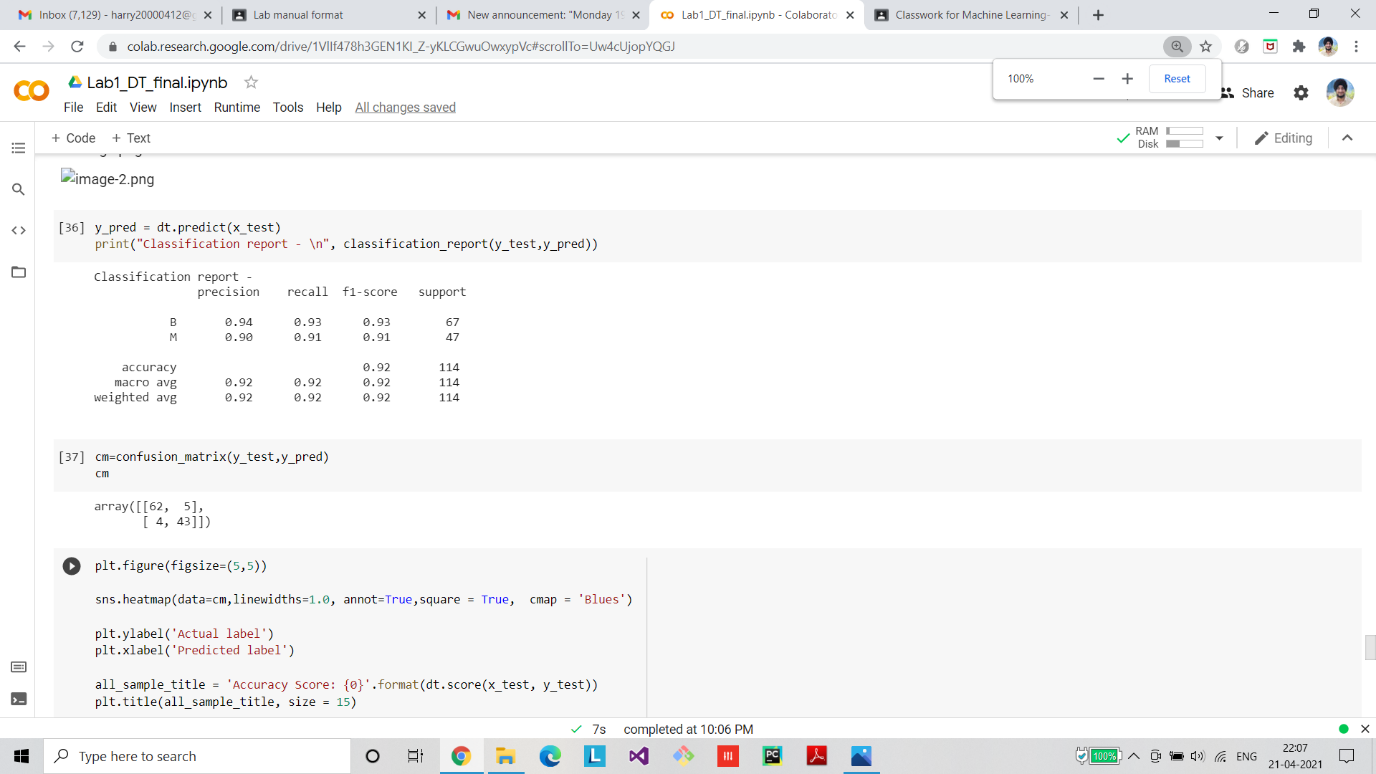
**Visualization**

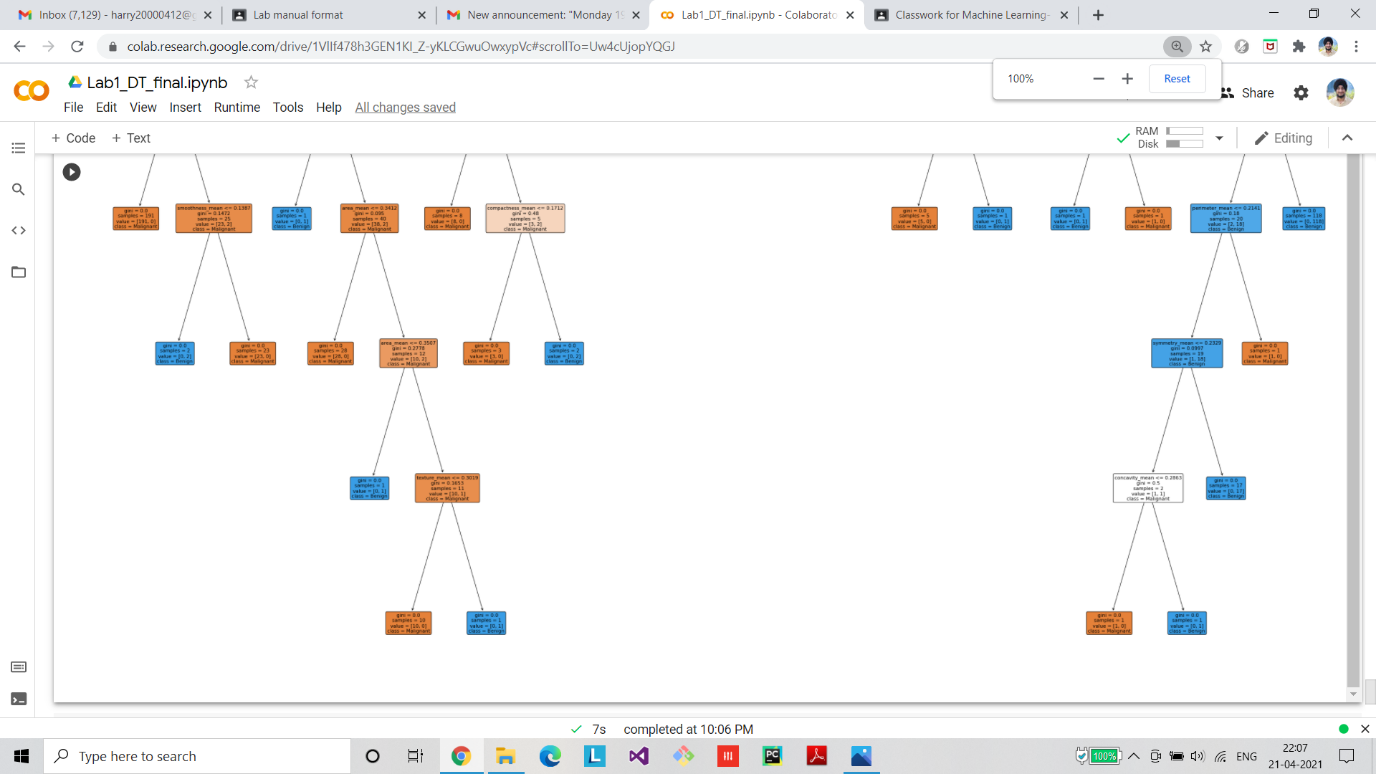
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**Algorithm Implementation**

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**Final Graph/ROC/Confusion Matrix**

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**Github Link**

<https://github.com/GurpuneetSingh/ML_FILE_EXPERIMENTS/blob/main/exp_1.docx>