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| **EX.NO:9 DATE:25/9/2024**  **Reg.no:220701518**    **IMPLEMENTATION OF DECISION TREE CLASSIFICATION TECHNIQUES**    Decision Tree is one of the most powerful and popular algorithms. Decisiontree algorithm falls under the category of supervised learning algorithms. It works for both continuous as well as categorical output variables.            **AIM:**  To implement a decision tree classification technique for gender classification using python.    **EXPLANATION:**   * Import tree from sklearn. * Call the function DecisionTreeClassifier() from tree * Assign values for X and Y. * Call the function predict for Predicting on the basis of given random values for each given feature. * Display the output. |

**CODE:**

**OUTPUT:**

**RESULT**

**:**

Thus, the

decision tree classification

has been implemented successfully.

