**Prodigy InfoTech Internship: Data Analysis Insights**

Welcome to the Prodigy InfoTech Internship repository! This repository documents are for Task 3 of my internship journey, focusing on data cleaning, analysis, and uncovering insightful patterns.

**Task Overview**

Build a decision tree classifier to predict whether a customer will purchase a product or service based on their demographic and behavioral data. Use a dataset such as the Bank Marketing dataset from the UCI Machine Learning Repository.

**Knowledge Gained**

Task 3 enriched my expertise in building decision tree classifiers for predictive modeling tasks and understanding how demographic and behavioral data influence customer purchasing decisions.

**Refer Here**

**1.**[**https://colab.research.google.com/drive/15wdvIvE5pc7QwYrxfOlUlqDzYeLOSrtO#scrollTo=lJ05xIkoj5YD**](https://colab.research.google.com/drive/15wdvIvE5pc7QwYrxfOlUlqDzYeLOSrtO%23scrollTo=lJ05xIkoj5YD)

**2.** [**https://github.com/SANJAY1409/Prodigy\_DS\_03/blob/main/Prodigy\_DS\_03.ipynb**](https://github.com/SANJAY1409/Prodigy_DS_03/blob/main/Prodigy_DS_03.ipynb)