

Step by step procedure to implement bank task

1. Understand the Goal ¶

- We want to predict whether a customer will subscribe to a term deposit (y column in the data). This is a binary classification problem. We will use a Decision Tree Classifier.

🔧 Step-by-Step Implementation

- Step 1: Load and Explore the Dataset
- You can use pandas to load and inspect the data.

```
[4]: import pandas as pd, numpy as np, matplotlib.pyplot as plt, seaborn as sns, os
```

```
[5]: bank_df=pd.read_csv(r"C:\Users\seenu\Desktop\prodigy\bank\bank.csv",sep=';')
bank_df
```

```
[5]:
```

	age	job	marital	education	default	balance	housing	loan	contact	day	month
0	30	unemployed	married	primary	no	1787	no	no	cellular	19	oct
1	33	services	married	secondary	no	4789	yes	yes	cellular	11	nov