METHODOLOGY DIAGRAM FOR MACHINE LEARNING

STEP 02

STEP 04

STEP 06

Problem Identification

The machine learning problem type is identified as regression or classification

Dataset Loading

The dataset is loaded into a Jupyter Notebook using the Pandas library.

Data Understanding

Missing values and basic statistical information are analyzed to understand the dataset

Dataset Selection

An open-source tabular dataset in CSV format is selected for the assignment

Target Variable Definition

The target variable is defined for the supervised learning task

Dataset Inspection

The dataset shape, first rows, column names, and data types are examined

STEP 01

STEP 03

STEP 05