**Dataset 1: California Housing (ID: 43979)**

**Description**

This dataset classifies areas in California based on housing prices, indicating whether the average house price is high or low. The target variable is labeled as price with two categories: True (high-priced area) and False (low-priced area).

**Overview**

* Source: California Housing dataset
* Purpose: To classify areas based on housing prices using various demographic and geographic features.

**Dataset Characteristics**

* Number of Rows: 20,634
* Each row represents a geographical area with attributes related to housing and demographics.
* Number of Columns: 9 (including the target variable)
* Data Types: All features are numeric.

**Key Features**

* MedInc: Median income of people in the area (in tens of thousands of dollars).
* HouseAge: The age of the houses (in years).
* AveRooms: The average number of rooms per house.
* AveBedrms: The average number of bedrooms per house.
* Population: The population of the area.
* AveOccup: The average number of occupants per household.
* Latitude: The latitude of the area.
* Longitude: The longitude of the area.

The price column indicates whether the average house price in the area is classified as high (True) or low (False).