

Caffeine Content of Drinks

Problem statement:

Develop a model which can predict caffeine amounts and calories of most drink brands and types.

- perform data exploration, preprocessing and visualization
- implement classification model or clustering using sklearn library
- evaluate the model using appropriate performance metrics
- develop the Caffeine content prediction system.

Information

List of drinks that generally contain caffeine. Some instances are not drinks exactly. Ground coffee or tea leafs would produce that amount of **Volume (ml)** if prepared according to the provider. They don't have calories since you can control the sugar level.

About Dataset

Attributes:

drink: Drink's name.

Volume (ml): Volume quantity.

Calories: Calories quantity.

Caffeine (mg): Caffeine quantity.

type: Drink's type. (Coffee, Energy Drinks, Energy Shots, Soft Drinks, Tea, Water)