# Documentation of the Dataset

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## 1 Introduction

This dataset contains some features and benchmark results of **Smartphones**. In this project, we're going to consider some key features of a variety of smartphones and try to predict their price according to those features.

## 2 Dataset Naming

The name for this dataset is simply **smartphone**. It has only one task, **price**, in which the prices of smartphones are to be predicted.

## 3 Dataset Size

The dataset will have 4 attributes. So, the no. of columns is 4. Also, the no. of the row is 150.

## 4 Features

There are in total 4 attributes in each case of the dataset. They are:

1. **CPU**: The benchmark result of the CPU performance.

2. **UX**: UX refers to "User Experience". Its a combination of the multitasking score and the runtime score.

3. **3D**: The 3D rendering score of the graphics unit.

4. **Brand**: The company that manufactured the smartphone.

## 5 Data Source

We have collected the features data from http://www.antutu.com/en/ranking/rank1.htm and the prices from https://www.gsmarena.com/. All the prices have been shown in European Cent (Euro).