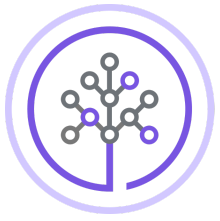# Overview: Laptop Pricing Data Set

Estimated Effort: 5 mins

The dataset used for practice labs is a modified subset that maps the price of laptops with different attributes.

The dataset is a filtered and modified version of the [Laptop Price Prediction using specifications](#) dataset, available under the [Database Contents License (DbCL) v1.0](#) on the [Kaggle](#) website.

Parameters

The parameters used in the dataset are:

1. **Manufacturer**
   The company that manufactured the laptop

2. **Category**
   The category to which the laptop belongs: This parameter is mapped to numerical values in the following way:

Category	Assigned Value
Gaming	1
Netbook	2
Notebook	3
Ultrabook	4
Workstation	5

3. **GPU**
   The manufacturer of the GPU. This parameter is mapped to numerical values in the following way:

GPU	Assigned Value
AMD	1
Intel	2
NVidia	3

4. **OS**
The operating system type (Windows or Linux): This parameter is mapped to numerical values in the following way:

OS	Assigned Value
Windows	1
Linux	2

5. **CPU_core**
The type of processor used in the laptop: This parameter is mapped to numerical values in the following way:

CPU_core	Assigned Value
Intel Pentium i3	3
Intel Pentium i5	5
Intel Pentium i7	7

6. **Screen_Size_cm**
The size of the laptop screen is recorded in cm.

7. **CPU_frequency**
The frequency at which the CPU operates, in GHz.

8. **RAM_GB**
The size of the RAM of the system in GB.

9. **Storage_GB_SSD**
The size of the SSD storage in GB is installed in the laptop.

10. **Weight_kg**
The weight of the laptop is in kgs.

11. **Price**
The price of the laptop is in USD.

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