

# 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.

# Author(s)

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# Changelog

Date (YYYY-MM-DD)	Version	Changed By	Change Description
2023-09-19	0.1	Abhishek Gagneja	Initial Version Created
2023-09-19	0.2	Vicky Kuo	Reviewed and Revised
2023-10-19	0.3	Mary Stenberg	QA Reviewed with edits