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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 <u>Laptop Price Prediction using specifications</u> dataset, available under the <u>Database Contents License (DbCL) v1.0</u> on the <u>Kaggle</u> 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

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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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