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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

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

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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)

Abhishek Gagneja

Vicky Kuo

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