Overview: Laptop Pricing Data Set

Skills Network

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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