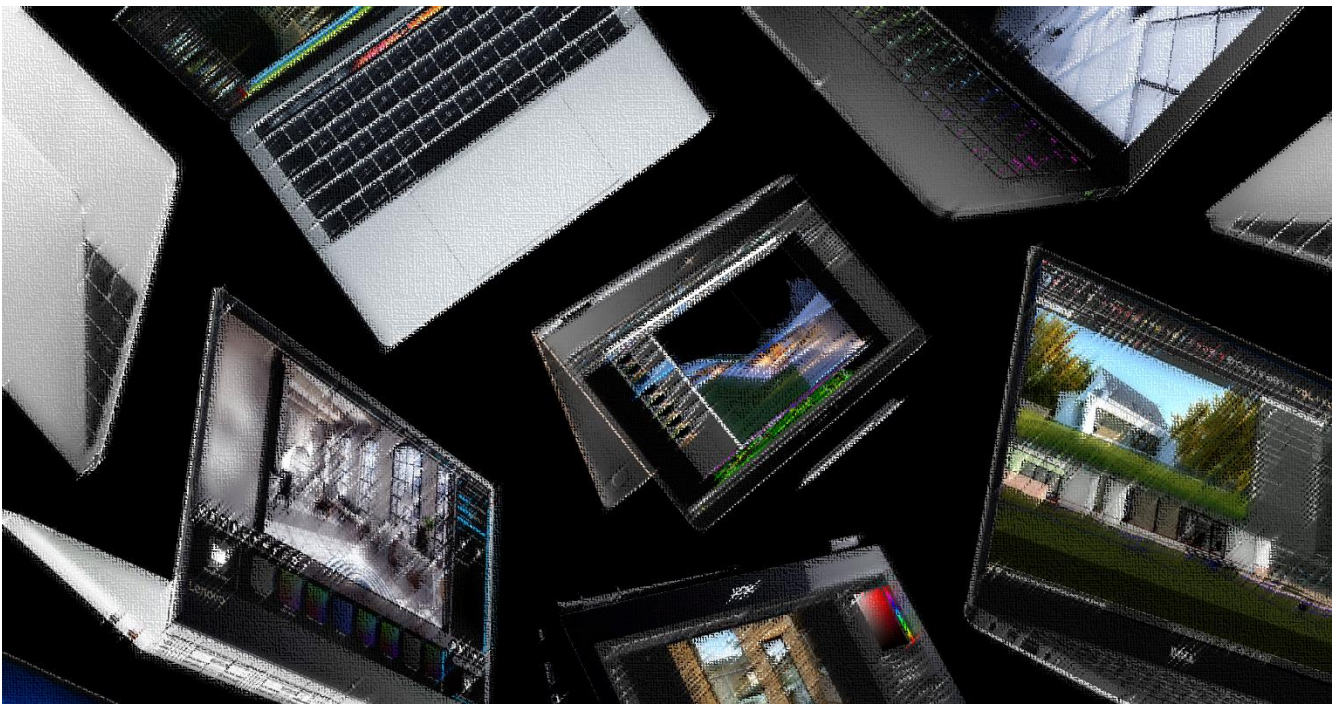




أكاديمية سدايا
SDAIA Academy
Data Science Bootcamp T5

Regression Proposal

Laptops Price



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Laptops Price

<https://www.kaggle.com/muhammetvarl/laptop-price>

■ Introduction:

There are many computer companies competing to produce unique laptops that fit the needs of the new generation with all their features and prices. The goal of this project is to identify the features that affect the price by analyzing many types of laptops in many companies and predicting the price of many types.

■ General information:

Column name	Column info	Column type
laptop_ID	ID	int64
Company	Laptop Manufacturer	object
Product	Brand and Model	object
TypeName	Type (Notebook, Ultrabook, Gaming, etc.)	object
Inches	Screen Size	float64
ScreenResolution	The number of distance pixels in each dimension	object
Cpu	Central Processing Unit	object
Ram	Random access memory	object
Memory	Hard Disk / SSD Memory	object
Gpu	Graphics Processing Units	object
OpSys	Operating System	object
Weight	Laptop Weight	object
Price_euros	Laptop Price	float64

■ Questions:

1. What is the average price of laptops by company?
2. Which size is the most popular?
3. What is the relationship between the type of laptop and its weight?
4. What is the company of the most expensive laptops?

■ Tools:

1. Python Programming Language.
2. Jupyter Notebook (Pandas, Matplotlib, Seaborn, Scikit-learn).
3. Microsoft Office (Word, PowerPoint).