

# LAPTOP PRICE PREDICTION

## Business Context

As we see nowadays there are huge number of companies which offers variety of laptop depending upon the specification of diversify user around the globe.

It becomes a real problem to the user to choose from the wide range of laptop. After noticing the problem which was faced by many consumers to buy a laptop at a certain price.

The idea was to develop a full fledge website which can predict the price of a laptop for the specification provided by the user using the techniques of Python and Machine Learning.

## Problem Statement

The Business problem was to build a website where consumer can give the desire specification of the laptop and in response the website should give the predicted price of laptop.

## Solution Developed

A website which was deployed using streamlit using Heroku which collects the specification of required laptop from the user such as "Brand", "Type", "RAM", "Touchscreen", Resolution, SSD and other specification as well and displays the predicted price of the laptop using machine learning algorithms.

## Improvements to the Solution

First of all we can update the data and can make it run time as the dataset which we have contain the laptop specifications which is till 2021.

We can connect the solution with a database to get real time solution and price for a specific laptop.

We can add much more specification column such as "Graphic Card" as we see most consumer also choose that specifically so we can add such features to our website.

Link to the working project demo

Below mentioned is the link of the project

<https://lpp-campusx.herokuapp.com/>