

CHOOSE YOUR LAPTOP

Using web scraping and
machine learning



PART 1

I collecting data from online store and use it to make machine learning model to predict price.

PART 2



Applied to data preprocessing to machine learnin

clean missing and invalid data

make analysis and visualization to understand data

PART 3



Make GUI to interact with user


try to get correct information from user

requires the user to inter :

- CPU type (full name)

- RAM size (GB)

- GPU type (name)

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- Hard SSD size(GB) option
 - Hard HDD size(GB option
 - Screen size (inch)
 - Operating system
 - Windows operating system
 - free operating system
 - mackintosh operating system (mac)



Hint:

User must enter all of this feature

But must select minimum one of the hard type and can choose all of them

And if he wants to show all laptops in some price range he can do it.

PART 4




Built machine learning model to predict price based on this feature

Show price of this feature

PART 5

Built API service of this.



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Video link : <https://drive.google.com/file/d/1JZVTEV8W0AHkFSK4C8n57Yxz8d5NmXN3/view>