Refered from youtube link : https://www.youtube.com/watch?v=p\_tpQSY1aTs&t=12s

Kaggle dataset used: https://www.kaggle.com/datasets/nehalbirla/vehicle-dataset-from-cardekho

Github repository: https://github.com/krishnaik06/Car-Price-Prediction

Steps:

1. Create a new anaconda environment for each prroject.

go to anaconda prompt- > conda create -n hereWriteEnvironmentName python=3.9

Then activate the environment , instruction will be given at the end of first command, as shown in image 2.

activate projectName

2. Come to working directory as img 3.

It will open the notebook : Jupyter notebook

3.If I want to install any library then follow image 5

I think around 1 hour is completed. Deployment is incomplete

(here you finish writing jupyter notebook) . Then to run follow the below steps:

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3. Now lets see how to creare a requirement.txt file

open another anaconda promt and come to the working directory.

All ways to open an anaconda prompt from the search -> then activate environmentName -> go to the particular branch.

Then

pip freeze > requirements.txt

4. Now write the frontend code, to work with frontend.

To work on frontend we need front end libraries in that particular environment. So I do the below steps:

Open anaconda prompt, and activate the envi

Then

Pip install flask

Pip install jsonify

Similarly, do whatever library it asks to install similarly using pip install.

5.

To check html file we can us spyder or visual studio

6.

Then again I can come to the working directory using anaconda directory, then run the below code:

pip freeze > requirements.txt

7.

Once the frontend is ready, we can run the program by below command:

Python app.py # this is because the html file is run by the app, and everything starts with an app.py file.

It will give the site to run our program:

http://127.0.0.1:5000

If in case I make any changes in the application, then I again I need to run the above command to reflect in the website.

8.

For pushing code to github, follow this step.

Open gitbash in that particular repository.

git status

git add .

git commit –m “First commit”

git remote add origin https://github.com/barah1/carPricePrediction.git

git branch -M main

git push -u origin main

9.

Lets start with deployment.

For that we use **heroku**

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