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| Team ID | PNT2022TMID16853 |
| Project Name | Car Resale Value Prediction |

Project Folder Structure

Let us introduce you to the main project folder downloaded by you in prerequisites.

| Name | Size | Type |
|-------------------------------------|-----------|-------------|
| ▼ Data | | File Folder |
| └─ autos.csv | 65.3 MB | csv File |
| ▼ Flask | | File Folder |
| └─ static | | File Folder |
| └─ templates | | File Folder |
| └─ classesbrand.npy | 857 bytes | npz File |
| └─ classesfuelType.npy | 430 bytes | npz File |
| └─ classesgearbox.npy | 372 bytes | npz File |
| └─ classesmodel.npy | 3 KB | npz File |
| └─ classesnotRepairedDamage.npy | 362 bytes | npz File |
| └─ classesvehicleType.npy | 456 bytes | npz File |
| └─ Resale_flask.py | 2 KB | py File |
| └─ resale_model.sav | 15.6 MB | sav File |
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| └─ classesvehicleType.npy | 456 bytes | npz File |
| └─ Resale value prediction final.py | 6 KB | py File |
| └─ resale_model.sav | 15.6 MB | sav File |
| └─ testing the model.py | 2 KB | py File |

- "Resale value prediction final.py" has all the mastery model building architecture, that Collects Data, Import necessary packages, Pre-process images, and passes on to Network Model and Saves Model Weights into "**resale_model.sav**".
- "Resale_flask.py" takes weights and Inputs from "User Interface" to Predict output.
- The .npy format is the standard binary file format in NumPy for persisting a single arbitrary NumPy array on disk. The format stores all of the shape and dtype information are necessary to reconstruct the array correctly even on another machine with a different architecture.