* **Aesthetic features - exterior\_color, interior\_color, listing\_color, major\_options:** These features are related to the aesthetics of the car, and they typically do not have a significant impact on the overall price prediction. Moreover, the color preference and optional features can be highly subjective and may not contribute much to the model's accuracy.

* **transmission:** same as *transmission\_display* which has a detailed description for the type of transmission and has been included in our dataset.

* **trimId**: same as *trim\_name* which has a detailed description for the type of trim and has been included in our dataset.

* **power**: can be derived from *torque* and *horsepower* which are included in the dataset.

* **listed\_date**: provides the same information as *daysonmarket* column, which is numerical and ready to use and has been included in our dataset

* **vin**: Vehicle identification numbers are usually used for tracking and administrative purposes and do not have correlation with pricing.

* **engine\_cylinders**: same information given by *engine\_type*, which is included in the dataset.

* **combine\_fuel\_economy**: *city* and *highway fuel economy* are included. Hence, this column is ignored.

* **cabin, fleet**: for commercial vehicles, hence ignored

* **fuel\_tank\_volume, front\_legroom**: most vehicles have the same values for these features. Not a major decisive factor

* **wheel\_system\_display**: same as *wheel\_system* which is included in dataset.

* **listing\_id, description, seller\_rating**: additional documentation for administrative purposes that have no bearing on pricing of the car.

* **is\_certified**: Dataset is having only Null Values for this column
* **main\_picture\_url**: The links are broken
* **vehicle\_damage\_category**: Dataset is having only Null Values for this column
* **wheelbase**: while important for certain aspects of vehicle performance and comfort, may not exert a direct and substantial influence on used car prices in comparison to other features. Buyers typically prioritize factors such as make, model, mileage, and condition when determining the value of a used car.
* Several dimensional features (**'width', 'height', 'length', 'wheelbase', 'bed\_length', 'bed\_height', 'front\_legroom', 'back\_legroom'**): While these features describe the physical dimensions of the car, they might not be the primary factors affecting the price. These features could be highly correlated with each other and might not add significant information to the model.
* Geographical features (**'dealer\_zip', 'latitude', 'longitude'**): Since the city column provides all this information in a single column, using '*city*' instead of these.
* **'is\_certified', 'is\_cpo', 'is\_oemcpo'**: Missing values
* **'franchise\_dealer', 'franchise\_make',sp\_id', 'sp\_name'**: the same information is provided by *model\_name* and *make\_name*. Hence, are redundant