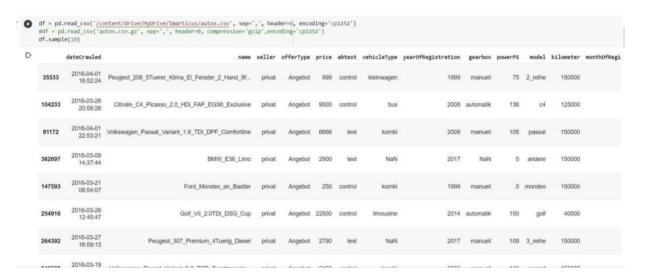
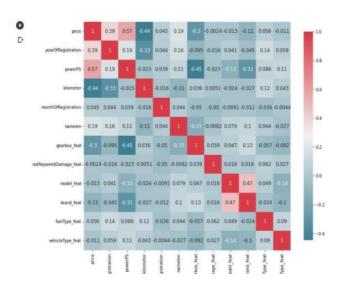
PROJECT DEVELOPMENT PHASE (DELIVERY OF SPRINT-1)

Date	18 November 2022
Team ID	PNT2022TMID30426
Project Name	Car Resale Value prediction
Maximum marks	4 Marks

Import Library and load the data set:



Understanding and analyzing the dataset by Correlation:



Clearing the null values:

```
[] dedups['notRepairedDamage'].fillna(value='not-declared', inplace=True)
dedups['fuelType'].fillna(value='not-declared', inplace=True)
dedups['gearbox'].fillna(value='not-declared', inplace=True)
dedups['wehicleType'].fillna(value='not-declared', inplace=True)
dedups['model'].fillna(value='not-declared', inplace=True)
dedups['namelen'] = [min(70, len(n)) for n in dedups['name']]
ax = sns.jointplot(x='namelen', 'price')],
data=dedups[['namelen', 'price']][dedups['model']=='golf'],
alpha=0.1,
size=8)

[] /usr/local/lib/python3.7/dist-packages/seaborn/axisgrid.py:2182: UserWarning: The `size` parameter has been renamed to `height`; please update your code.
warnings.warn(msg, UserWarning)
```

Preprocessing the Categorical values: