

Exploratory Data Analysis of Used Vehicle

Craigslist is the world's largest collection of used vehicles for sale, this dataset which includes used vehicle entry within the United States. This data contains most all relevant information that Craigslist provides on car sales including columns like price, condition, manufacturer, latitude/longitude, and 18 other categories. Explore the world's largest collection of used vehicles for sale in the US through this Exploratory Data Analysis project. Get insights on price, condition, manufacturer and more.

Data Download

Opendatasets is a Python library for downloading datasets from online sources like Kaggle and Google Drive using a simple Python command. Here I have used opendatasets to download the data from Kaggle using kaggle username and API key.

```
pip install opendatasets --upgrade --quiet
```

```
import opendatasets as od
```

```
download_url =  
'https://www.kaggle.com/datasets/austinreese/craigslist-carstrucks-  
data'
```

```
od.download(download_url)
```

Please provide your Kaggle credentials to download this dataset. Learn more: <http://bit.ly/kaggle-creds>

Your Kaggle username: deeksudee

Your Kaggle Key:

Downloading craigslist-carstrucks-data.zip to ./craigslist-carstrucks-data

100%|██████████| 262M/262M [00:02<00:00, 106MB/s]

```
data_filename = './craigslist-carstrucks-data/vehicles.csv'
```

```
import pandas as pd
```

```
df = pd.read_csv(data_filename)
```

```
df
```

| | id | url |
|--------|------------|---|
| \ | | |
| 0 | 7222695916 | https://prescott.craigslist.org/cto/d/prescott... |
| 1 | 7218891961 | https://fayar.craigslist.org/ctd/d/bentonville... |
| 2 | 7221797935 | https://keys.craigslist.org/cto/d/summerland-k... |
| 3 | 7222270760 | https://worcester.craigslist.org/cto/d/west-br... |
| 4 | 7210384030 | https://greensboro.craigslist.org/cto/d/trinit... |
| ... | ... | ... |
| 426875 | 7301591192 | https://wyoming.craigslist.org/ctd/d/atlanta-2... |
| 426876 | 7301591187 | https://wyoming.craigslist.org/ctd/d/atlanta-2... |
| 426877 | 7301591147 | https://wyoming.craigslist.org/ctd/d/atlanta-2... |
| 426878 | 7301591140 | https://wyoming.craigslist.org/ctd/d/atlanta-2... |
| 426879 | 7301591129 | https://wyoming.craigslist.org/ctd/d/atlanta-2... |

| price \ | region | region_url |
|---------|------------------------|---|
| 0 | prescott | https://prescott.craigslist.org |
| 6000 | | |
| 1 | fayetteville | https://fayar.craigslist.org |
| 11900 | | |
| 2 | florida keys | https://keys.craigslist.org |
| 21000 | | |
| 3 | worcester / central MA | https://worcester.craigslist.org |
| 1500 | | |
| 4 | greensboro | https://greensboro.craigslist.org |
| 4900 | | |
| ... | ... | ... |

```

..
426875          wyoming      https://wyoming.craigslist.org
23590
426876          wyoming      https://wyoming.craigslist.org
30590
426877          wyoming      https://wyoming.craigslist.org
34990
426878          wyoming      https://wyoming.craigslist.org
28990
426879          wyoming      https://wyoming.craigslist.org
30590

```

```

          year manufacturer          model condition
cylinders \
0         NaN           NaN           NaN         NaN
NaN
1         NaN           NaN           NaN         NaN
NaN
2         NaN           NaN           NaN         NaN
NaN
3         NaN           NaN           NaN         NaN
NaN
4         NaN           NaN           NaN         NaN
NaN
...         ...           ...           ...         ...
...
426875  2019.0         nissan           maxima s sedan 4d      good    6
cylinders
426876  2020.0         volvo    s60 t5 momentum sedan 4d      good
NaN
426877  2020.0         cadillac           xt4 sport suv 4d      good
NaN
426878  2018.0         lexus           es 350 sedan 4d      good    6
cylinders
426879  2019.0         bmw    4 series 430i gran coupe      good
NaN

```

```

... size          type paint_color \
0         ... NaN           NaN           NaN
1         ... NaN           NaN           NaN
2         ... NaN           NaN           NaN
3         ... NaN           NaN           NaN
4         ... NaN           NaN           NaN
...         ...           ...           ...
426875  ... NaN           sedan           NaN
426876  ... NaN           sedan           red
426877  ... NaN    hatchback           white
426878  ... NaN           sedan           silver
426879  ... NaN           coupe           NaN

```

| | image_url \ |
|--------|---|
| 0 | NaN |
| 1 | NaN |
| 2 | NaN |
| 3 | NaN |
| 4 | NaN |
| ... | ... |
| 426875 | https://images.craigslist.org/00o0o_iiraFnHg8q... |
| 426876 | https://images.craigslist.org/00x0x_15sbgnxCIS... |
| 426877 | https://images.craigslist.org/00L0L_farM7bxnxR... |
| 426878 | https://images.craigslist.org/00z0z_bKnIVGLkDT... |
| 426879 | https://images.craigslist.org/00Y0Y_lEUocjyRxa... |

| | description | county | state |
|--------|---|--------|--------|
| \ | | | |
| 0 | | NaN | NaN az |
| 1 | | NaN | NaN ar |
| 2 | | NaN | NaN fl |
| 3 | | NaN | NaN ma |
| 4 | | NaN | NaN nc |
| ... | | ... | ... |
| 426875 | Carvana is the safer way to buy a car During t... | NaN | wy |
| 426876 | Carvana is the safer way to buy a car During t... | NaN | wy |
| 426877 | Carvana is the safer way to buy a car During t... | NaN | wy |
| 426878 | Carvana is the safer way to buy a car During t... | NaN | wy |
| 426879 | Carvana is the safer way to buy a car During t... | NaN | wy |

| | lat | long | posting_date |
|--------|-----------|------------|--------------------------|
| 0 | NaN | NaN | NaN |
| 1 | NaN | NaN | NaN |
| 2 | NaN | NaN | NaN |
| 3 | NaN | NaN | NaN |
| 4 | NaN | NaN | NaN |
| ... | ... | ... | ... |
| 426875 | 33.786500 | -84.445400 | 2021-04-04T03:21:31-0600 |
| 426876 | 33.786500 | -84.445400 | 2021-04-04T03:21:29-0600 |
| 426877 | 33.779214 | -84.411811 | 2021-04-04T03:21:17-0600 |
| 426878 | 33.786500 | -84.445400 | 2021-04-04T03:21:11-0600 |

```
426879  33.779214 -84.411811  2021-04-04T03:21:07-0600
```

```
[426880 rows x 26 columns]
```

Data Preparation and Cleaning

Data cleaning is the process of fixing or removing incorrect, corrupted, incorrectly formatted, duplicate, or incomplete data within a dataset.

```
df.columns
```

```
Index(['id', 'url', 'region', 'region_url', 'price', 'year',  
      'manufacturer',  
      'model', 'condition', 'cylinders', 'fuel', 'odometer',  
      'title_status',  
      'transmission', 'VIN', 'drive', 'size', 'type', 'paint_color',  
      'image_url', 'description', 'county', 'state', 'lat', 'long',  
      'posting_date'],  
      dtype='object')
```

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>  
RangeIndex: 426880 entries, 0 to 426879  
Data columns (total 26 columns):  
#   Column                Non-Null Count  Dtype  
---  -  
0   id                    426880 non-null  int64  
1   url                   426880 non-null  object  
2   region               426880 non-null  object  
3   region_url           426880 non-null  object  
4   price                426880 non-null  int64  
5   year                 425675 non-null  float64  
6   manufacturer          409234 non-null  object  
7   model                421603 non-null  object  
8   condition            252776 non-null  object  
9   cylinders             249202 non-null  object  
10  fuel                 423867 non-null  object  
11  odometer             422480 non-null  float64  
12  title_status         418638 non-null  object  
13  transmission         424324 non-null  object  
14  VIN                  265838 non-null  object  
15  drive                296313 non-null  object  
16  size                 120519 non-null  object  
17  type                 334022 non-null  object  
18  paint_color          296677 non-null  object  
19  image_url            426812 non-null  object  
20  description           426810 non-null  object  
21  county                0 non-null       float64  
22  state                426880 non-null  object  
23  lat                  420331 non-null  float64
```

```

24 long          420331 non-null float64
25 posting_date  426812 non-null object
dtypes: float64(5), int64(2), object(19)
memory usage: 84.7+ MB

```

```
df.describe()
```

| | id | price | year | odometer | county |
|-------|--------------|--------------|---------------|--------------|--------|
| count | 4.268800e+05 | 4.268800e+05 | 425675.000000 | 4.224800e+05 | 0.0 |
| mean | 7.311487e+09 | 7.519903e+04 | 2011.235191 | 9.804333e+04 | NaN |
| std | 4.473170e+06 | 1.218228e+07 | 9.452120 | 2.138815e+05 | NaN |
| min | 7.207408e+09 | 0.000000e+00 | 1900.000000 | 0.000000e+00 | NaN |
| 25% | 7.308143e+09 | 5.900000e+03 | 2008.000000 | 3.770400e+04 | NaN |
| 50% | 7.312621e+09 | 1.395000e+04 | 2013.000000 | 8.554800e+04 | NaN |
| 75% | 7.315254e+09 | 2.648575e+04 | 2017.000000 | 1.335425e+05 | NaN |
| max | 7.317101e+09 | 3.736929e+09 | 2022.000000 | 1.000000e+07 | NaN |

| | lat | long |
|-------|---------------|---------------|
| count | 420331.000000 | 420331.000000 |
| mean | 38.493940 | -94.748599 |
| std | 5.841533 | 18.365462 |
| min | -84.122245 | -159.827728 |
| 25% | 34.601900 | -111.939847 |
| 50% | 39.150100 | -88.432600 |
| 75% | 42.398900 | -80.832039 |
| max | 82.390818 | 173.885502 |

```

numerics = ['int16', 'int32', 'int64', 'float16', 'float32',
'float64']

```

```

numerics_df = df.select_dtypes(include=numerics)
len(numerics_df.columns)

```

7

Percentage of missing values

```

missing_percentages =
df.isna().sum().sort_values(ascending=False)/len(df)
missing_percentages

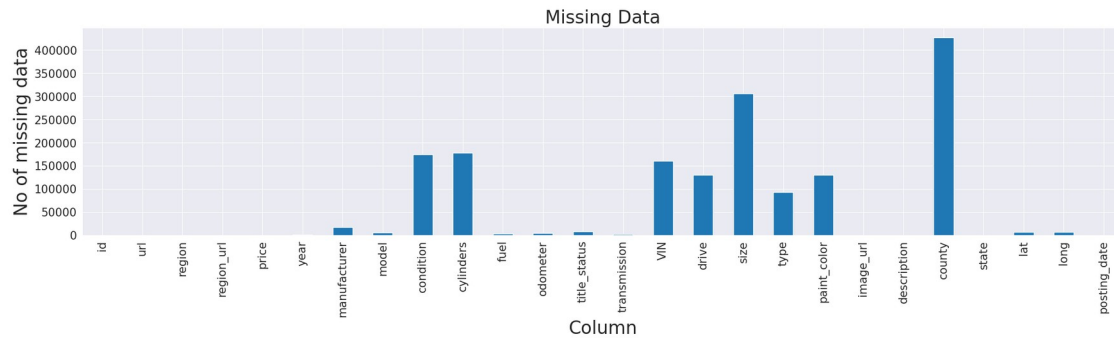
```

```
county          1.000000
size            0.717675
cylinders       0.416225
condition       0.407852
VIN            0.377254
drive          0.305863
paint_color     0.305011
type           0.217527
manufacturer    0.041337
title_status    0.019308
lat            0.015342
long           0.015342
model          0.012362
odometer       0.010307
fuel           0.007058
transmission   0.005988
year           0.002823
description     0.000164
image_url      0.000159
posting_date    0.000159
url            0.000000
price          0.000000
state          0.000000
region_url     0.000000
region         0.000000
id            0.000000
dtype: float64
```

```
import matplotlib.pyplot as plt
```

```
import seaborn as sns
sns.set_style('darkgrid')
```

```
md = df.isnull().sum().plot.bar(title = 'Missing Data')
md.set_xlabel('Column',fontsize = 24)
md.set_ylabel('No of missing data',fontsize = 24)
plt.rcParams['figure.figsize']=(25,7)
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
md.title.set_size(24)
plt.show()
```



Exploratory Analysis and Visualization

Column that have analysed

- state
- year
- color
- vehicle tpe
- cylinders

df.columns

```
Index(['id', 'url', 'region', 'region_url', 'price', 'year',
      'manufacturer',
      'model', 'condition', 'cylinders', 'fuel', 'odometer',
      'title_status',
      'transmission', 'VIN', 'drive', 'size', 'type', 'paint_color',
      'image_url', 'description', 'county', 'state', 'lat', 'long',
      'posting_date'],
      dtype='object')
```

STATE

```
a = df.state.unique()
len(a)
```

51

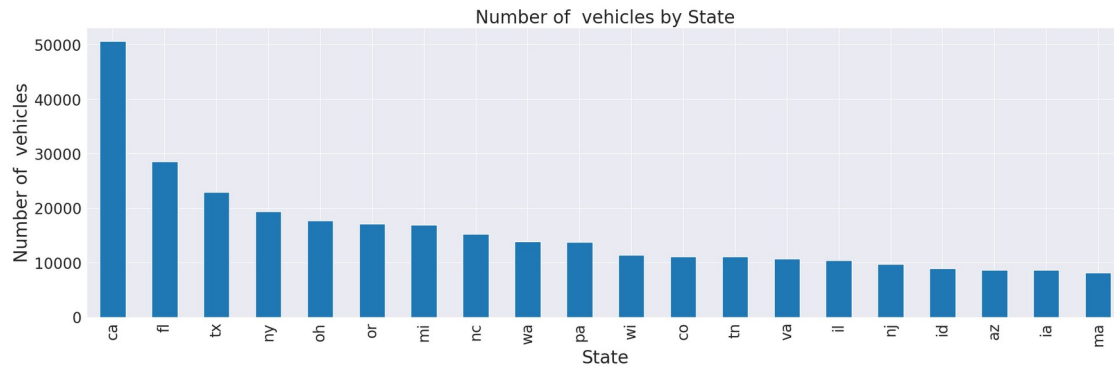
```
vehicle_by_states = df.state.value_counts()
vehicle_by_states
```

```
ca    50614
fl    28511
tx    22945
ny    19386
oh    17696
or    17104
mi    16900
nc    15277
wa    13861
pa    13753
```



```
wi      11398
co      11088
tn      11066
va      10732
il      10387
nj       9742
id       8961
az       8679
ia       8632
ma       8174
mn       7716
ga       7003
ok       6792
sc       6327
mt       6294
ks       6209
in       5704
ct       5188
al       4955
md       4778
nm       4425
mo       4293
ky       4149
ar       4038
ak       3474
la       3196
nv       3194
nh       2981
dc       2970
me       2966
hi       2964
vt       2513
ri       2320
sd       1302
ut       1150
wv       1052
ne       1036
ms       1016
de        949
wy        610
nd        410
Name: state, dtype: int64
```

```
ax = vehicle_by_states[:20].plot.bar( title='Number of vehicles by
State', fontsize = 20)
ax.set_xlabel("State", fontsize = 24)
ax.set_ylabel("Number of vehicles", fontsize = 24)
plt.rcParams['figure.figsize']=(25,7)
ax.title.set_size(24)
```



In terms of volume of sales we can see that California(ca) and Florida(fl) lead the chart.

```
high_used_vehicle_states = vehicle_by_states[vehicle_by_states >=
1000]
low_used_vehicle_states = vehicle_by_states[vehicle_by_states < 1000]
len(high_used_vehicle_states)/len(df.state)
```

```
0.00011244377811094453
```

```
sns.distplot(high_used_vehicle_states).set(
    title='Highest used vehicles')
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
plt.rcParams['figure.figsize']=(25,8)
```

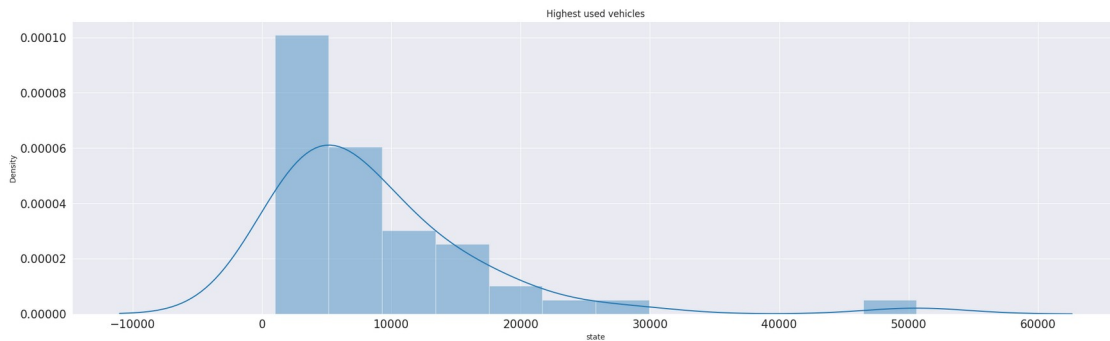
<ipython-input-50-3004d575174a>:1: UserWarning:

`distplot` is a deprecated function and will be removed in seaborn v0.14.0.

Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see <https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751>

```
sns.distplot(high_used_vehicle_states).set(
```



I have defined high_used_vehiles_states with greater than 1000 vechiles.The above graph shows the highest range of the used vehicles according to state i.e the highest range is 1000 to 10000.

```
sns.distplot(low_used_vehicle_states).set(
    title='No of low used vechiles')
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
```

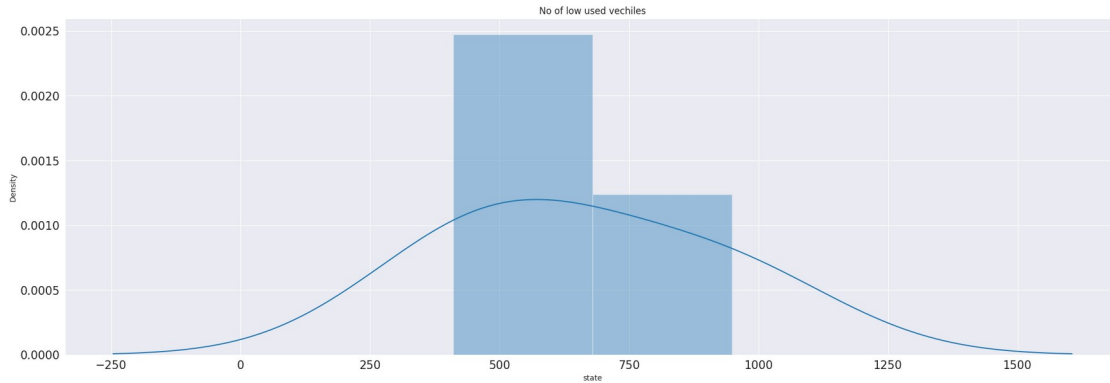
<ipython-input-29-c5a09bcd185a>:1: UserWarning:

`distplot` is a deprecated function and will be removed in seaborn v0.14.0.

Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see <https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751>

```
sns.distplot(low_used_vehicle_states).set(
(array([0.      , 0.0005, 0.001 , 0.0015, 0.002 , 0.0025, 0.003 ]),
[Text(0, 0.0, '0.0000'),
 Text(0, 0.0005, '0.0005'),
 Text(0, 0.001, '0.0010'),
 Text(0, 0.0015, '0.0015'),
 Text(0, 0.002, '0.0020'),
 Text(0, 0.0025, '0.0025'),
 Text(0, 0.003, '0.0030')]))
```



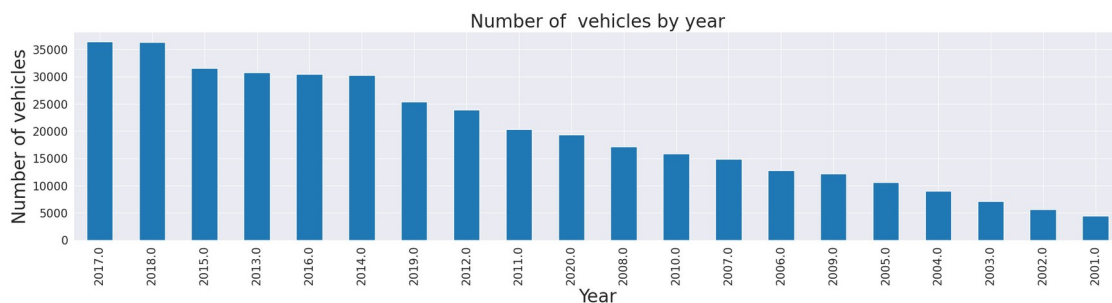
Similar to highest_used_vechiles_states I have defined low_used_vehicle_states which has vechiles lesser than 1000. The graph shows the less range of vechiles according to state i.e from 500 to 750.

YEAR

```
b = df.price.unique()
len(b)
```

15655

```
ay = df['year'].value_counts().head(20).plot.bar( title='Number of
vehicles by year')
ay.set_xlabel("Year", fontsize = 24)
ay.set_ylabel("Number of vehicles", fontsize = 24)
plt.rcParams['figure.figsize']=(25,5)
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
ay.title.set_size(24)
```



The above garph shows that more no. of vehicles are of year 2017 and 2018 and least is 2001.

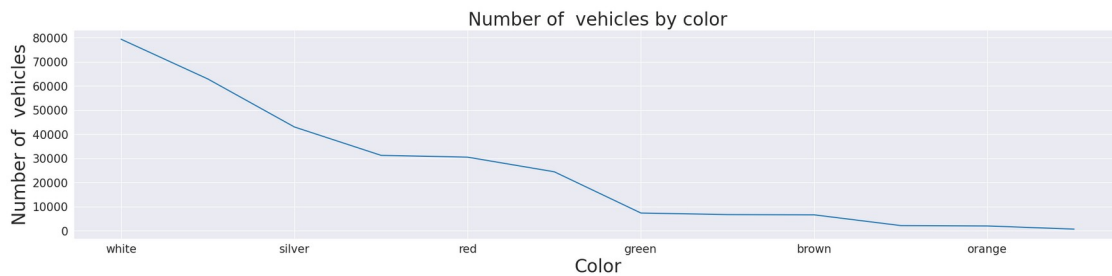
COLOR

```
df.paint_color.unique()
array([nan, 'white', 'blue', 'red', 'black', 'silver', 'grey',
'brown',
'yellow', 'orange', 'green', 'custom', 'purple'], dtype=object)
```

```

az = df['paint_color'].value_counts().head(20).plot (title='Number of
vehicles by color')
az.set_xlabel("Color", fontsize = 24)
az.set_ylabel("Number of vehicles", fontsize = 24)
plt.rcParams['figure.figsize']=(25,5)
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
az.title.set_size(24)

```



White's popularity can be attributed to it being one of the easiest colors to maintain, and because it is a common color for fleet and rental vehicles, white is prevalent in the used car market in usa. Similarly garph shows that more no. of vechiles that are for sale are of white color.

VEHICLE TYPE

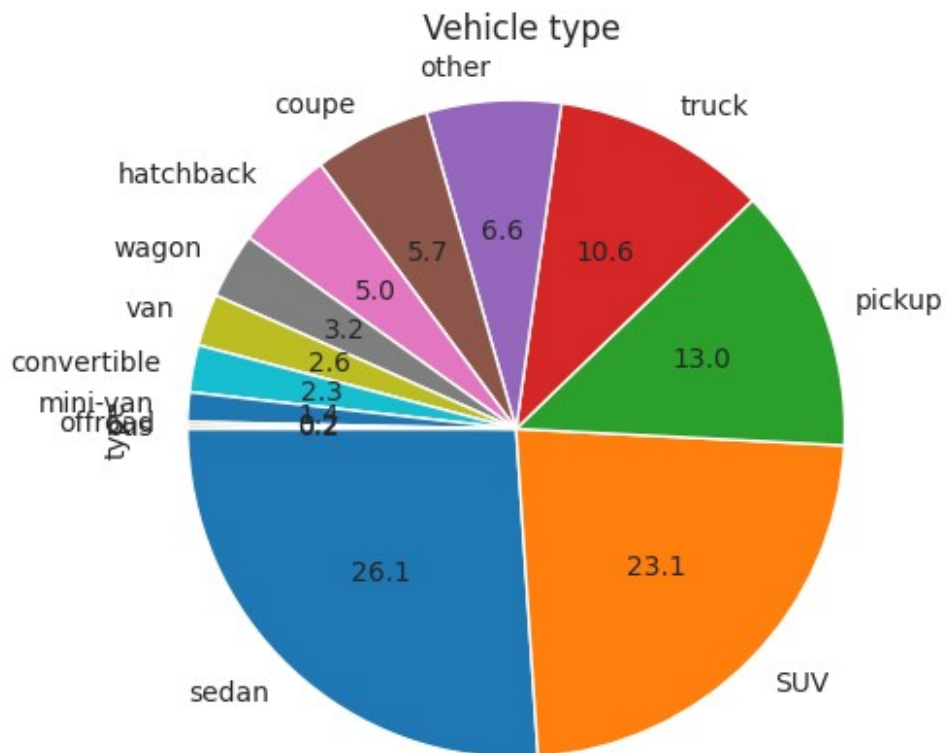
```

df.type.unique()

array([nan, 'pickup', 'truck', 'other', 'coupe', 'SUV', 'hatchback',
       'mini-van', 'sedan', 'offroad', 'bus', 'van', 'convertible',
       'wagon'], dtype=object)

df['type'].value_counts().head(20).plot(kind = 'pie', autopct='%1.1f',
radius = 1.1, startangle=180, title=' Vehicle type');

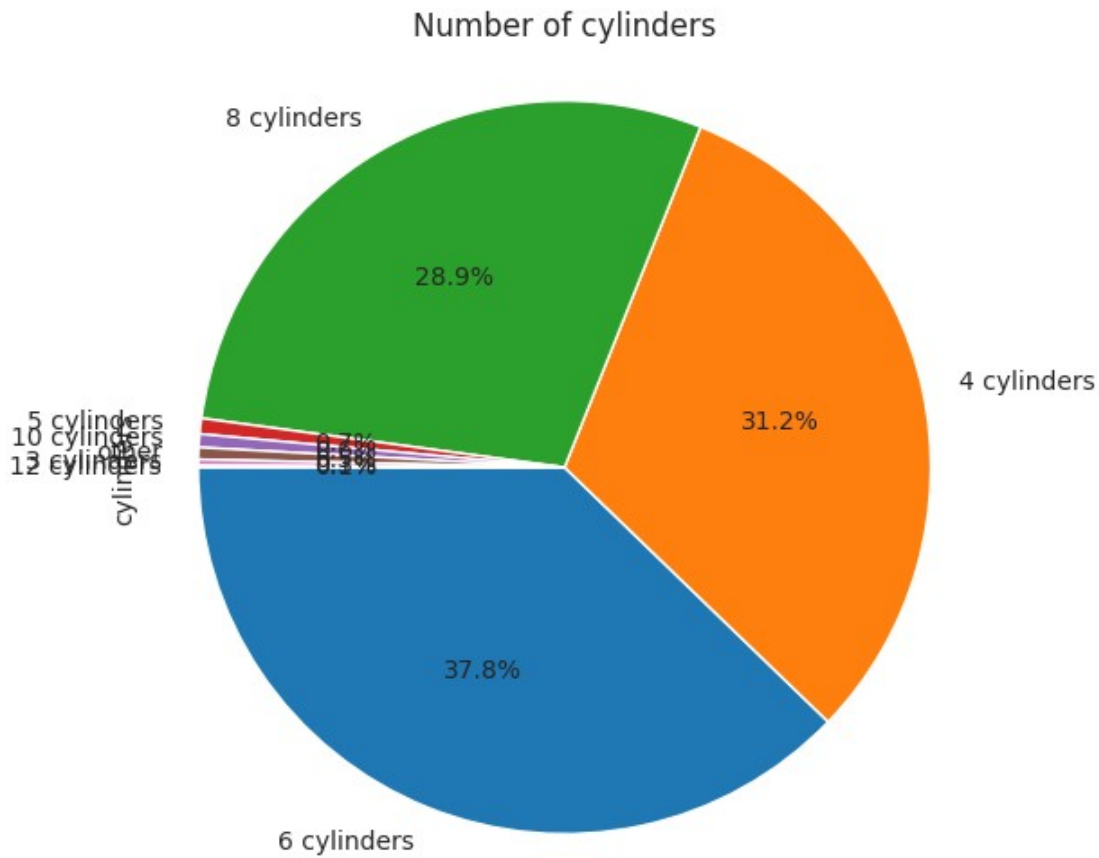
```



The above graph shows that most of the vehicles for sale are sedan followed by SUV type.

CYLINDER

```
plt.figure(figsize=(8,6))
df['cylinders'].value_counts().head(20).plot(kind =
'pie',autopct='%1.1f%%',radius = 1.1,startangle=180, title = 'Number
of cylinders');
```



A six-cylinder engine has more power, but it also uses more gas. According to dataset most of the vehicles has 6 cylinders.

Ask and Answer Questions

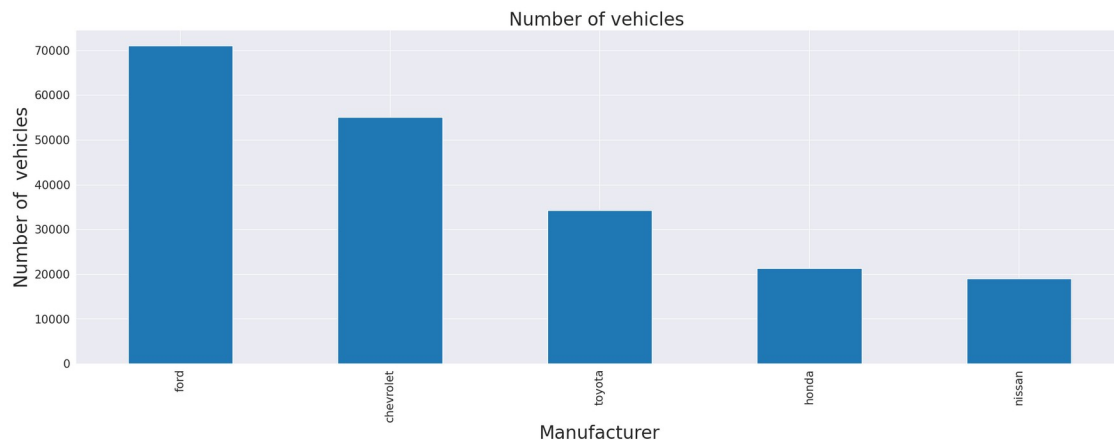
Q1. Which are the top five manufacturing company has highest used cars?

```
df.manufacturer.unique()

array([nan, 'gmc', 'chevrolet', 'toyota', 'ford', 'jeep', 'nissan',
       'ram',
       'mazda', 'cadillac', 'honda', 'dodge', 'lexus', 'jaguar',
       'buick',
       'chrysler', 'volvo', 'audi', 'infiniti', 'lincoln', 'alfa-
       romeo',
       'subaru', 'acura', 'hyundai', 'mercedes-benz', 'bmw',
       'mitsubishi',
       'volkswagen', 'porsche', 'kia', 'rover', 'ferrari', 'mini',
       'pontiac', 'fiat', 'tesla', 'saturn', 'mercury', 'harley-
       davidson',
       'datsun', 'aston-martin', 'land rover', 'morgan'],
      dtype=object)

a = df.manufacturer.value_counts()
```

```
f = a[:5].plot.bar( title='Number of vehicles ')
f.set_xlabel("Manufacturer", fontsize = 24)
f.set_ylabel("Number of vehicles", fontsize = 24)
plt.rcParams['figure.figsize']=(25,8)
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
f.title.set_size(24)
```



Ford leads the pack with most cars up for sale from a manufacturer. This comes as no surprise since Ford's F-Series line of pickups have been America's Best Selling Truck for 43 years straight. For the past 38 years, Ford F-Series trucks have also been the Best Selling Vehicle in America. Then comes Chevrolet, Toyota, Honda and Nissan.

Q2. What is the condition of used vehicle for sale?

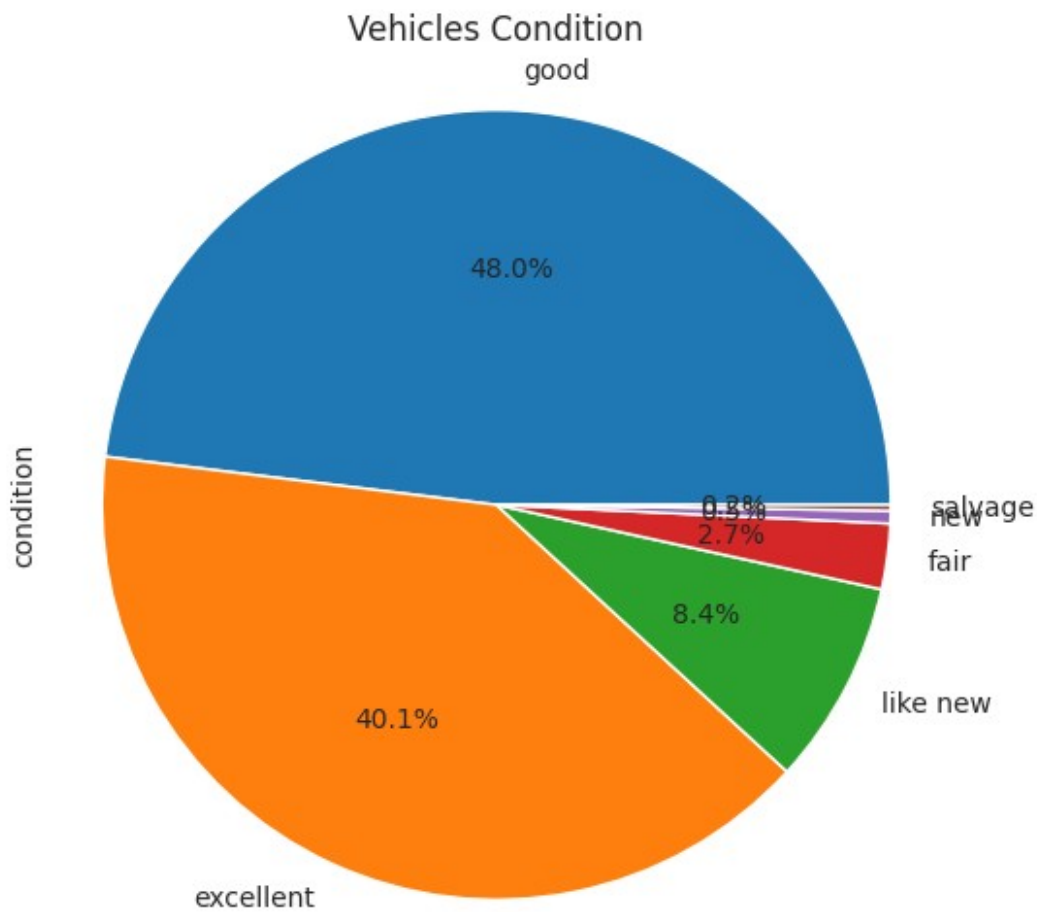
```
import matplotlib
import matplotlib.pyplot as plt
```

```
df.condition
```

```
0      NaN
1      NaN
2      NaN
3      NaN
4      NaN
...
426875  good
426876  good
426877  good
426878  good
426879  good
Name: condition, Length: 426880, dtype: object
```



```
plt.figure(figsize=(8,6))
df['condition'].value_counts().plot(kind = 'pie',radius = 1.1,
autopct='%1.1f%%', title = 'Vehicles Condition');
```



It seems like most of the vehicles are maintained in good condition. This means the vehicle has some repairable cosmetic defects and is free of major mechanical problems.

Q3. What is the percentage of newly purchased vehicles are for sale?

```
total_cars = len(df.condition)
total_cars
```

426880

```
new_cars = df.condition.value_counts().new
new_cars
```

1305

```
percentage_of_new_cars = (new_cars/total_cars) * 100
percentage_of_new_cars
```

0.30570652173913043

Out of all the vehicles there is only 0.3% of newly purchased vehicles which are for sale.

Q4. Is there any trend in the price over year?

```
import plotly.express as px
import matplotlib.pyplot as plt

fig = px.scatter(df,
                 x='year',
                 y='price',
                 log_y = True)

fig.update_layout(
    title=dict(
        text='Price vs. Year',
    ),
    font=dict(
        family="Arial",
        size=24
    ),
    xaxis_title="Year",
    yaxis_title="Price",
    font=dict(
        family="Arial",
        size=24
    )
)
fig.show()
```

In general price and year of the vehicles are inversely proportional but according to this dataset there is no much difference in price over year.

Q5. What is the reading of odometer over price?

```
fig = px.scatter(df,
                 x='odometer',
                 y='price',
                 opacity=0.8,
                 hover_data=['year'],
                 title='Price vs. Odometer')
fig.update_traces(marker_size=5)
fig.update_layout(
    height=400,
    title=dict(
        text='Price vs. Odometer',
    ),
    font=dict(
        family="Arial",
        size=24
    )
)
```

```

    )
    ),
    xaxis_title="Odometer",
    yaxis_title="Price",
    font=dict(
        family="Arial",
        size=24
    )
)

fig.show()

```

In general price and odometer are inversely proportional if the price is high than odometer reading is low and viseversa, but in this dataset there is no much difference in price for vechiles which have less odometer.Only few vechiles are expensive with less odometer value.

Q6. What is the transmission rate?

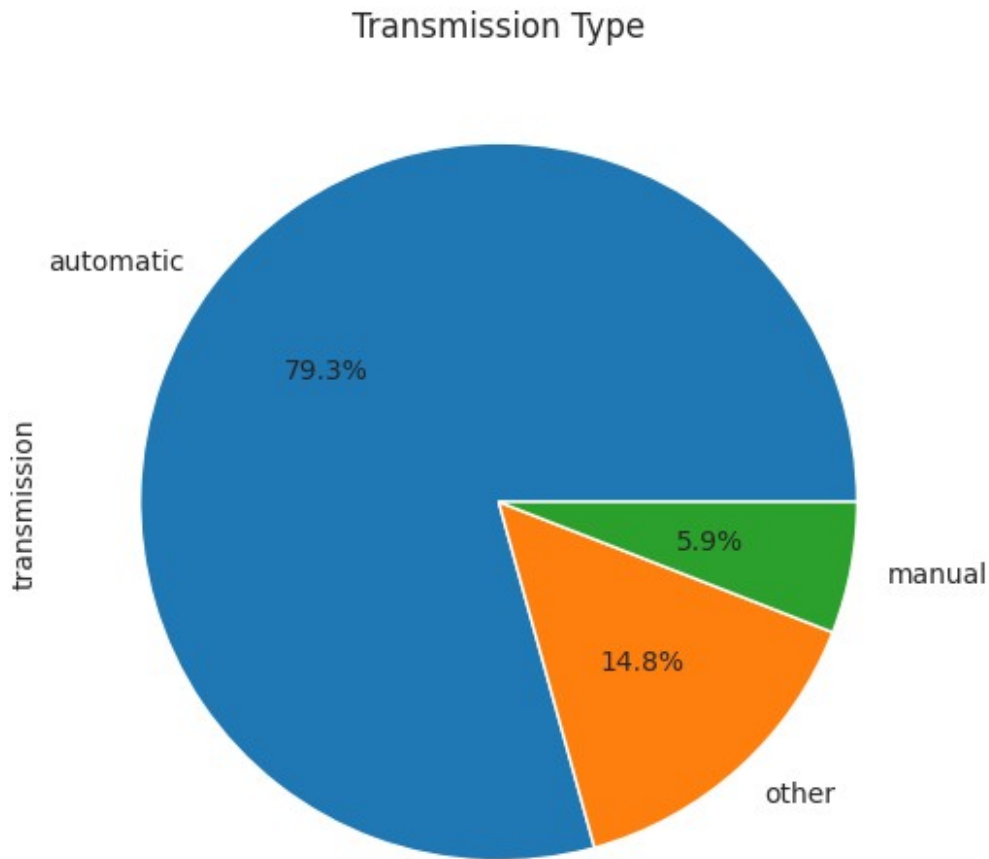
```

df.transmission.unique()

array([nan, 'other', 'automatic', 'manual'], dtype=object)

plt.figure(figsize=(8,6))
df['transmission'].value_counts().plot(kind = 'pie', autopct='%1.1f%%', title='Transmission Type');

```



According to CarMax, 96 percent of Americans drive automatics. And, unsurprisingly given that statistic, people just aren't buying cars with manual transmissions in the United States and graph also shows that there are more number of automatic vehicles for sale.

Q7. What is price of used vechiles according automotive industry?

```
df.drive.unique()
```

```
array([nan, 'rwd', '4wd', 'fwd'], dtype=object)
```

```
fig = px.bar(df,
             x='manufacturer',
             y='price',
             hover_data=['drive'],
             title='Price vs. Manufacturer')
fig.update_layout(
    height=400,
    title=dict(
        text='Price vs. Manufacturer',
        font=dict(
            family="Arial",
            size=24
```

```

    )
),
xaxis_title=" Manufacturer",
yaxis_title="Price",
font=dict(
    family="Arial",
    size=24
)
)
)

fig.show()

```

Generally Toyota vehicles are less expensive than Ford but according to this dataset the used vehicles of Toyota are more costly.

Q8. What is type of fuel used by vehicles over year and which fuel type is used more?

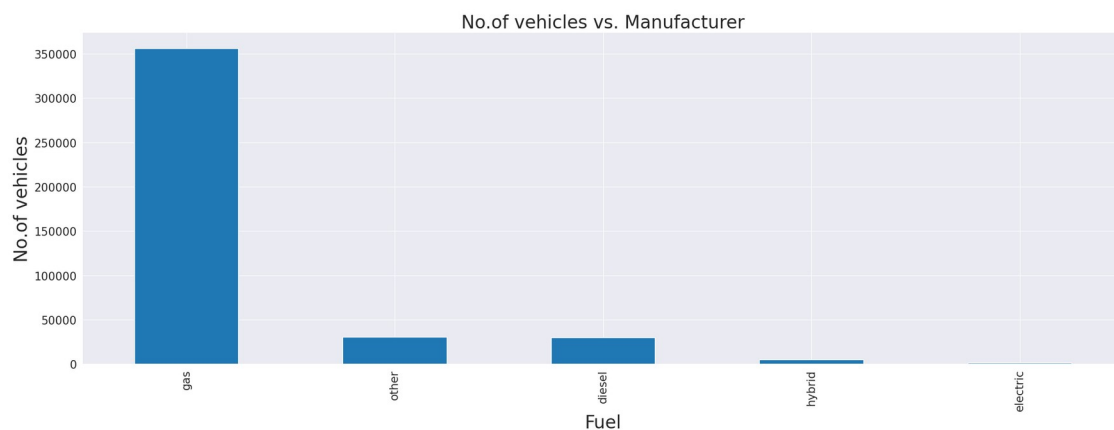
```
df.fuel.unique()
```

```
array([nan, 'gas', 'other', 'diesel', 'hybrid', 'electric'],
      dtype=object)
```

```

f = df['fuel'].value_counts().plot(kind = 'bar', title='No.of vehicles
vs. Manufacturer')
f.set_xlabel('Fuel', fontsize = 24)
f.set_ylabel('No.of vehicles', fontsize = 24)
plt.rcParams['figure.figsize']=(25,5)
plt.xticks(fontsize = 15)
plt.yticks(fontsize = 15)
f.title.set_size(24);

```



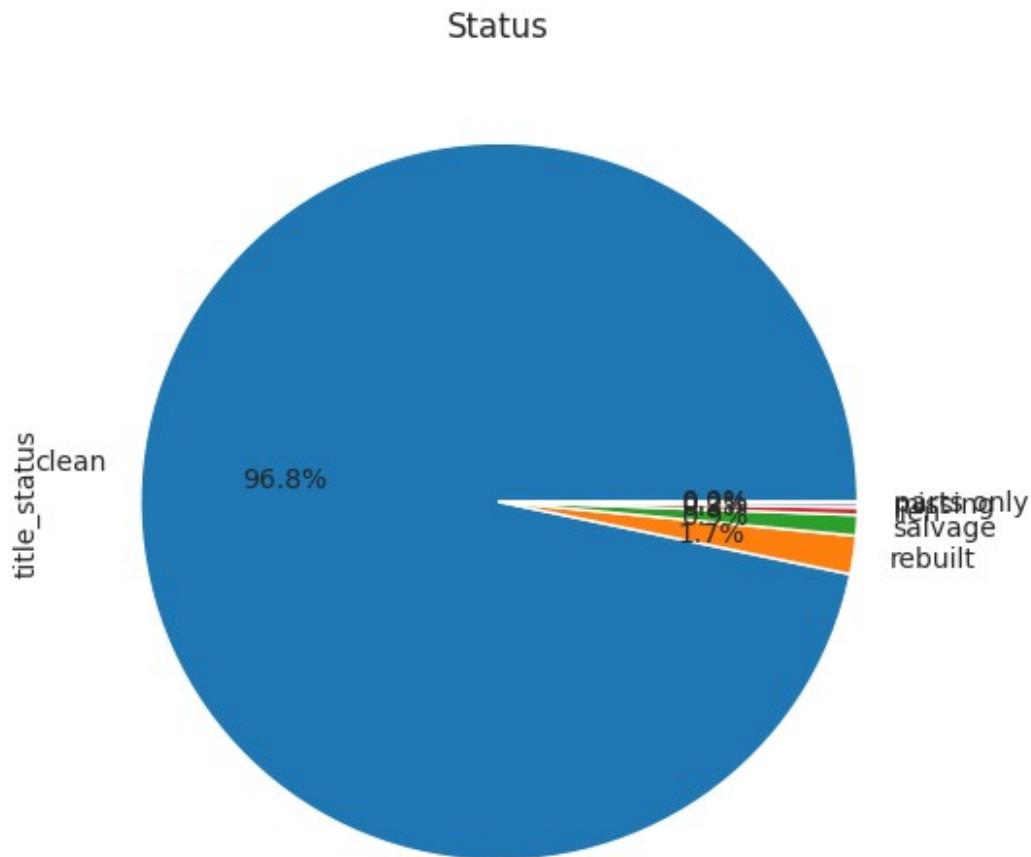
The graph shows the trend of hybrid and electric cars is slowly developing. Gas is the primary source to power for these vehicles still.

Q9. What is the status of the vechiles for sale?

```
df.title_status.unique()

array([nan, 'clean', 'rebuilt', 'lien', 'salvage', 'missing',
       'parts only'], dtype=object)

plt.figure(figsize=(8,6))
df['title_status'].value_counts().plot(kind = 'pie', autopct='%1.1f%%',title='Status');
```



According to dataset that the owner has mentioned most of the vechiles are maintained clean.

```
jovian.commit
```

```
<function jovian.utils.commit.commit(message=None, files=[],
outputs=[], environment=None, privacy='auto', filename=None,
project=None, new_project=None, git_commit=False, git_message='auto',
require_write_access=False, **kwargs)>
```

Summary

1. The number of vehicles in the used vehicles market are pretty good in condition.
2. 79.3% of vehicles for sale are automatic vehicles.
3. Most of the vehicles uses gas as a fuel.
4. Ford company has highest number of used vechiles for sale and toyato vechiles are more expensive than others.
5. 96.8% of vechiles are cleanly maintained and 17% are rebuilt vechiles.

Future Work

- 1.Code optimization
- 2.Improving the documentation part of the project.
- 3.Adding more on visualization.

Reference

- 1.Dataset:Used Cars Dataset(Kaggale)
- 2.Opendatsets library: <https://github.com/JovianML/opendatasets>.
- 3.EDA project from scratch: <https://www.youtube.com/watch?v=kLDTbavcmd0>

jovian.commit

```
<function jovian.utils.commit.commit(message=None, files=[],
outputs=[], environment=None, privacy='auto', filename=None,
project=None, new_project=None, git_commit=False, git_message='auto',
require_write_access=False, **kwargs)>
```