

# Untitled39

March 25, 2022

```
[1]: import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd
import os
```

```
[2]: os.getcwd()
os.listdir()
```

```
[2]: ['.idlerc',
      '.ipynb_checkpoints',
      '.ipython',
      '.jupyter',
      '.matplotlib',
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'Untitled9.ipynb',
'vehicle_data (1).csv',
'Videos']
```

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[9]: df= pd.read_csv('vehicle_data (1).csv')
df= df[['title','price']]
df.sort_values(by= 'price', ascending= False).head(10)
```

```
[9]:
```

	title	price
22	Lexus RX 2016 Black	14500000
148	Mazda Bongo	11200000
265	New Hyundai Palisade 2021 White	9500000
224	Toyota Hilux 2016 Black	9000000
156	Toyota Land Cruiser 2010 4.6 V8 ZX Black	8799999
249	Toyota Land Cruiser 2014 4.6 V8 ZX Black	8199999
195	Mercedes-Benz Actros	7500000
53	Toyota Land Cruiser Prado 2015 2.7 VVT-i Brown	6500000
0	Toyota Land Cruiser Prado 2016 Black	6500000
241	BMW X5 2015 White	6300000

```
[4]: df= pd.read_csv('vehicle_data (1).csv')
df[df['category'].str.startswith('B')].nlargest(5,'price')[['title','price']]
```

```
[4]:
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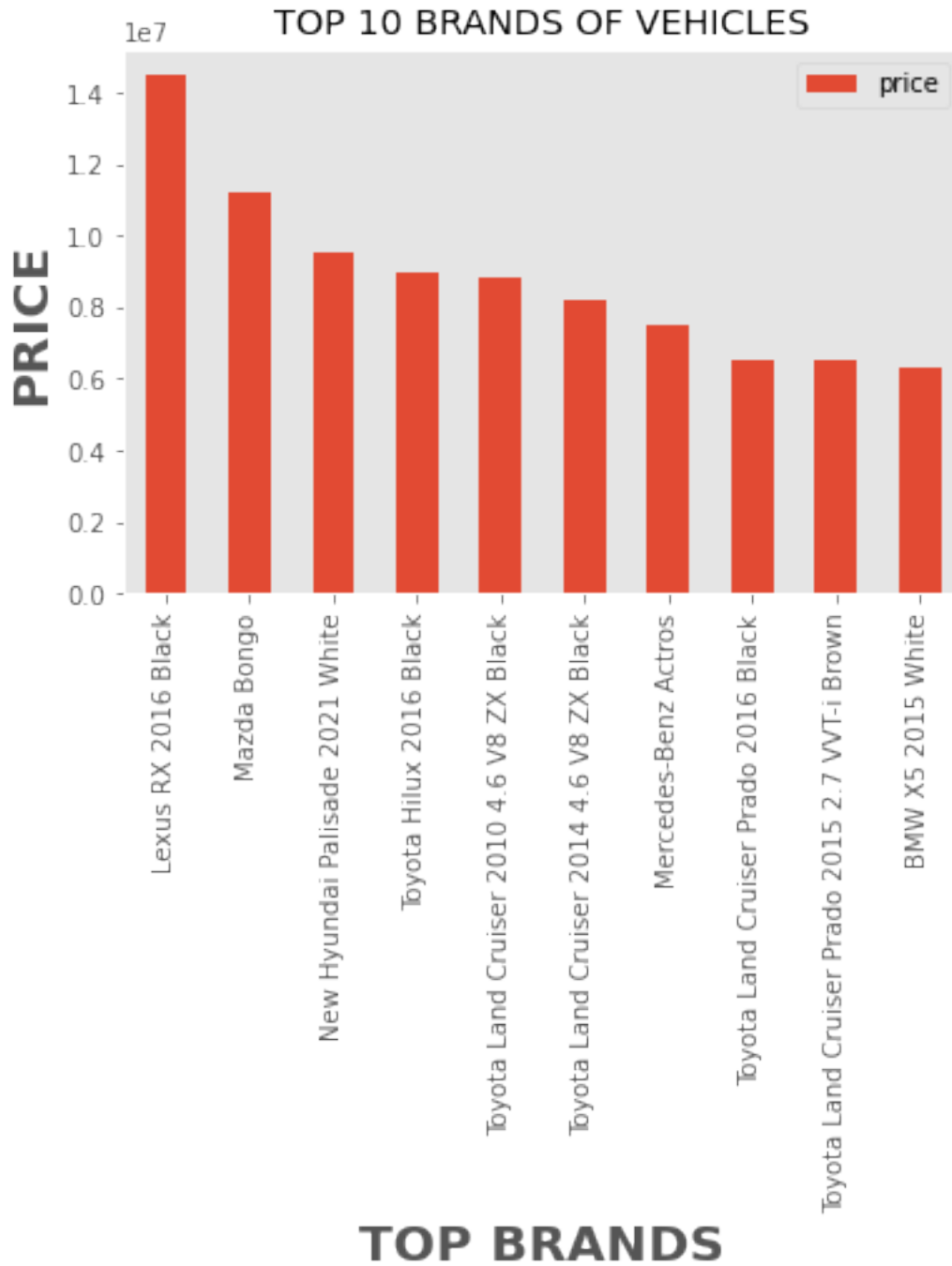
	title	price
148	Mazda Bongo	11200000
221	Selling Buses In Mombasa Town	5200000
174	Roller Coaster	4900000
211	Toyota Coaster 2014 White	4300000
268	Toyota Hiace 2015 White	3800000

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[5]: df= pd.read_csv('vehicle_data (1).csv')
df[df['category'].str.startswith('T')].nlargest(5,'price')[['title','price']]
```

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[5]:
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	title	price
195	Mercedes-Benz Actros	7500000
222	Tata Signa LPK-1618 Tipper 10 Ton	6000000
103	Shacman F2000 Tipper	5100000
176	Isuzu Forward 7 Tonne Freezer	4300000

```
[66]: %matplotlib inline
df= pd.read_csv('vehicle_data (1).csv').nlargest(10, 'price')
xlabel= ['Top Brands']
df.plot.bar('title', 'price', title='TOP 10 BRANDS OF VEHICLES')
plt.rcParams['figure.figsize']=(15,25)
plt.xlabel('TOP BRANDS',fontsize=20, fontweight='bold')
plt.ylabel('PRICE',fontsize=20, fontweight='bold')
plt.grid()
fig = plt.gcf()
fig.savefig('df.png')
plt.show()
```



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