

Deleting columns from data frame

November 6, 2020

1 Deleting columns from data frame

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[1]: import seaborn as sns
import pandas as pd

[2]: diamonds_df = sns.load_dataset('diamonds')

[3]: diamonds_df['price_per_carat'] = diamonds_df['price']/diamonds_df['carat']

[4]: import numpy as np
diamonds_df['price_per_carat_is_high'] = np.
    ↳where(diamonds_df['price_per_carat']>3500,1,0)

[5]: import math
diamonds_df['rounded_price']=diamonds_df['price'].apply(math.ceil)

[6]: import math

def get_100_multiple_ceil(x):
    y = math.ceil(x/100)*100
    return y

diamonds_df['rounded_price_to_100multiple']=diamonds_df['price'].
    ↳apply(get_100_multiple_ceil)

[7]: diamonds_df=diamonds_df.drop(columns=['rounded_price',
    ↳'rounded_price_to_100multiple'])
diamonds_df.head()

[7]:   carat      cut color clarity depth  table  price     x     y     z \
0   0.23   Ideal     E    SI2   61.5   55.0    326  3.95  3.98  2.43
1   0.21  Premium     E    SI1   59.8   61.0    326  3.89  3.84  2.31
2   0.23    Good     E    VS1   56.9   65.0    327  4.05  4.07  2.31
3   0.29  Premium     I    VS2   62.4   58.0    334  4.20  4.23  2.63
4   0.31    Good     J    SI2   63.3   58.0    335  4.34  4.35  2.75

      price_per_carat  price_per_carat_is_high
0         1417.391304                      0
```

1	1552.380952	0
2	1421.739130	0
3	1151.724138	0
4	1080.645161	0

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