```
import seaborn as sns
import matplotlib.pyplot as plt
print(sns.get_dataset_names())
        ['anagrams', 'anscombe', 'attention', 'brain_networks', 'car_crashes', 'diamonds', 'dots', 'dowjones', 'exercise', 'flights', 'fmri', 'geyser', 'glue

df=sns.load_dataset('car_crashes')
df

C+
```

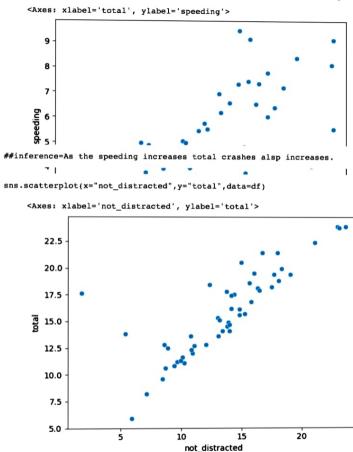
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	total	speeding	alcohol	not_distracted	no_previous	ins_premium	ins_losses	
0	18.8	7.332	5.640	18.048	15.040	784.55	145.08	
1	18.1	7.421	4.525	16.290	17.014	1053.48	133.93	
2	18.6	6.510	5.208	15.624	17.856	899.47	110.35	
3	22.4	4.032	5.824	21.056	21.280	827.34	142.39	
4	12.0	4.200	3.360	10.920	10.680	878.41	165.63	
5	13.6	5.032	3.808	10.744	12.920	835.50	139.91	
6	10.8	4.968	3.888	9.396	8.856	1068.73	167.02	
7	16.2	6.156	4.860	14.094	16.038	1137.87	151.48	
8	5.9	2.006	1.593	5.900	5.900	1273.89	136.05	
9	17.9	3.759	5.191	16.468	16.826	1160.13	144.18	
10	15.6	2.964	3.900	14.820	14.508	913.15	142.80	
11	17.5	9.450	7.175	14.350	15.225	861.18	120.92	
12	15.3	5.508	4.437	13.005	14.994	641.96	82.75	
13	12.8	4.608	4.352	12.032	12.288	803.11	139.15	
14	14.5	3.625	4.205	13.775	13.775	710.46	108.92	
15	15.7	2.669	3.925	15.229	13.659	649.06	114.47	
16	17.8	4.806	4.272	13.706	15.130	780.45	133.80	
17	21.4	4.066	4.922	16.692	16.264	872.51	137.13	
18	20.5	7.175	6.765	14.965	20.090	1281.55	194.78	
19	15.1	5.738	4.530	13.137	12.684	661.88	96.57	
20	12.5	4.250	4.000	8.875	12.375	1048.78	192.70	
21	8.2	1.886	2.870	7.134	6.560	1011.14	135.63	
22	14.1	3.384	3.948	13.395	10.857	1110.61	152.26	
23	9.6	2.208	2.784	8.448	8.448	777.18	133.35	
24	17.6	2.640	5.456	1.760	17.600	896.07	155.77	
25	16.1	6.923	5.474	14.812	13.524	790.32	144.45	
26	21.4	8.346	9.416	17.976	18.190	816.21	85.15	
27	14.9	1.937	5.215	13.857	13.410	732.28	114.82	

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28	14.7	5.439	4.704	13.965	14.553	1029.87	138.71	NV NV	
df.info()								
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			ies, 0 to 50						
			8 columns):						
#	Column	1	Non-Null Cour	t Dtype					
			51 non-null	float64					
0	total		51 non-null	float64					
1 2	speedi		51 non-null	float64					
3		stracted	51 non-null	float64					
4	no pre		51 non-null	float64					
5	ins pr		51 non-null	float64					
6	ins lo		51 non-null	float64					
7	abbrev		51 non-null	object					
dtyp	es: flo	at64(7),	object(1)						
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39	11.1	3.114	4.218	10.212	8.709	1148.99	148.58	HI	
f.head()								
						.11			
,	total s	peeding	alcohol not_di	stracted no	_previous	ins_premium	ins_losses	abbrev	=
0	18.8	7.332	5.640	18.048	15.040	784.55	145.08	AL	il.
1	18.1	7.421	4.525	16.290	17.014	1053.48	133.93	AK	

	total	speeding	alcohol	not_distracted	no_previous	ins_premium	ins_losses	abbrev	##
0	18.8	7.332	5.640	18.048	15.040	784.55	145.08	AL	ili
1	18.1	7.421	4.525	16.290	17.014	1053.48	133.93	AK	
2	18.6	6.510	5.208	15.624	17.856	899.47	110.35	AZ	
3	22.4	4.032	5.824	21.056	21.280	827.34	142.39	AR	
4	12.0	4.200	3.360	10.920	10.680	878.41	165.63	CA	

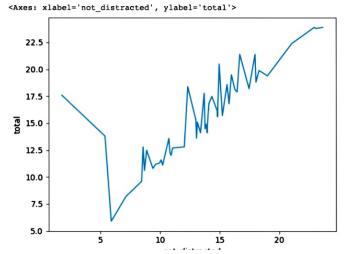
sns.scatterplot(x="total",y="speeding",data=df)



sns.lineplot(x="not_distracted",y="total",data=df)

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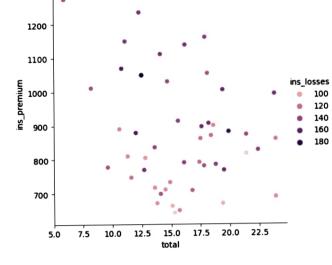


#Distribution plot
sns.distplot(df["alcohol"])

```
<ipython-input-19-8677a75b2d6c>:1: UserWarning:
    'distplot' is a deprecated function and will be removed in seaborn v0.14.0.

#Relation plot
sns.relplot(x="total",y="ins_premium",data=df,hue="ins_losses")

<seaborn.axisgrid.FacetGrid at 0x7b86edc9df00>
    1300 -
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    1100 -
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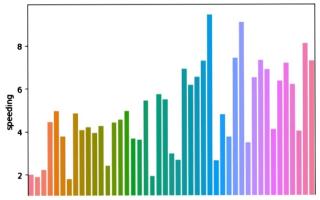


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        Name: abbrev, dtype: int64
  sns.barplot(data=df,x="total",y="speeding",ci=None)
```

<ipython-input-27-45580ba4c45b>:1: FutureWarning:

The `ci` parameter is deprecated. Use `errorbar=None` for the same effect.

sns.barplot(data=df,x="total",y="speeding",ci=None)
<Axes: xlabel='total', ylabel='speeding'>



sns.barplot(data=df,x="total",y="ins_losses",ci=None)

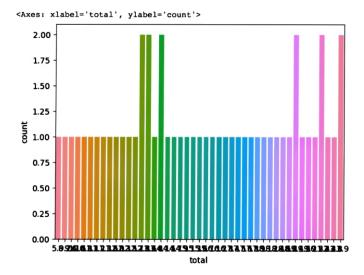
```
<ipython-input-29-b6fe4272fle7>:1: FutureWarning:
```

The `ci` parameter is deprecated. Use `errorbar=None` for the same effect.

```
sns.barplot(data=df,x="total",y="ins_losses",ci=None)
<Axes: xlabel='total', ylabel='ins_losses'>
200
```

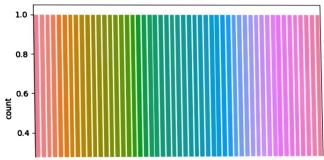
#Count plot

sns.countplot(x="total",data=df)



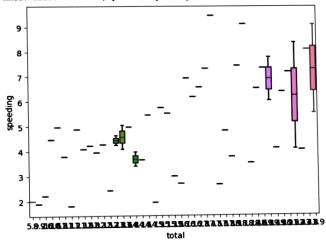
sns.countplot(x="ins premium",data=df)





#Box plot
sns.boxplot(x="total",y="speeding",data=df)

<Axes: xlabel='total', ylabel='speeding'>



print("Thank YOU")

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Thank YOU

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