```
In [2]: import numpy as np
    import pandas as pd
    import matplotlib.pyplot as plt
    import seaborn as sns

In [3]: data = sns.load_dataset('car_crashes')

In [4]: data.head()
```

## Out[4]:

	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
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

## In [5]: data.info()

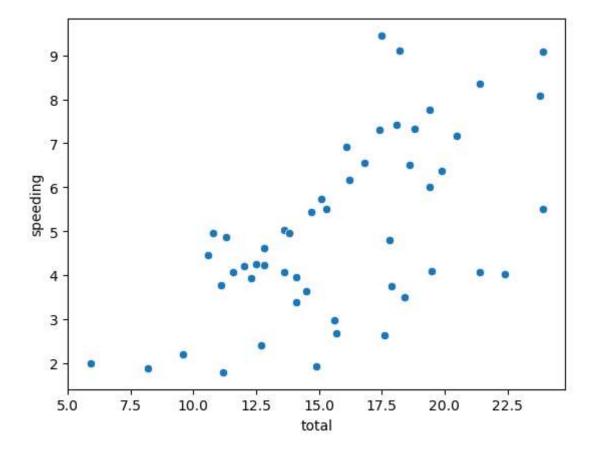
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 51 entries, 0 to 50
Data columns (total 8 columns):

#	Column	Non-Null Count	Dtype
0	total	51 non-null	float64
1	speeding	51 non-null	float64
2	alcohol	51 non-null	float64
3	not_distracted	51 non-null	float64
4	no_previous	51 non-null	float64
5	ins_premium	51 non-null	float64
6	ins_losses	51 non-null	float64
7	abbrev	51 non-null	object

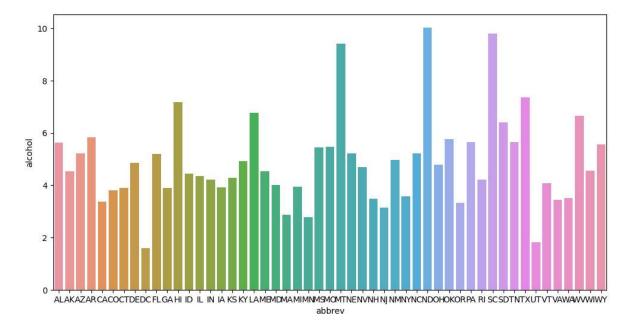
dtypes: float64(7), object(1)

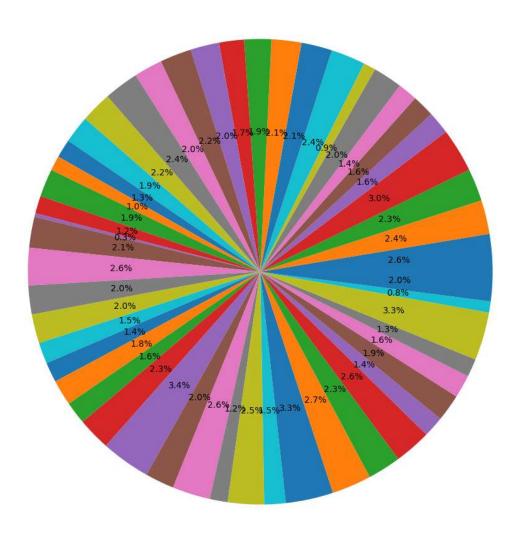
memory usage: 3.3+ KB

Out[6]: <AxesSubplot:xlabel='total', ylabel='speeding'>



Out[9]: <AxesSubplot:xlabel='abbrev', ylabel='alcohol'>



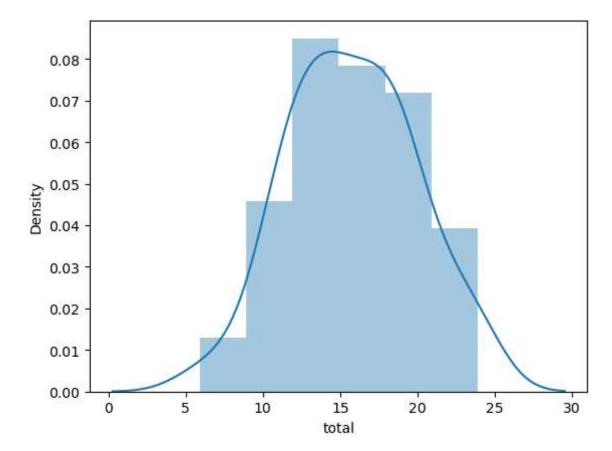


In [11]: | sns.distplot(data['total'])

C:\Users\hp\OneDrive\Documents\Python Scripts\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

warnings.warn(msg, FutureWarning)

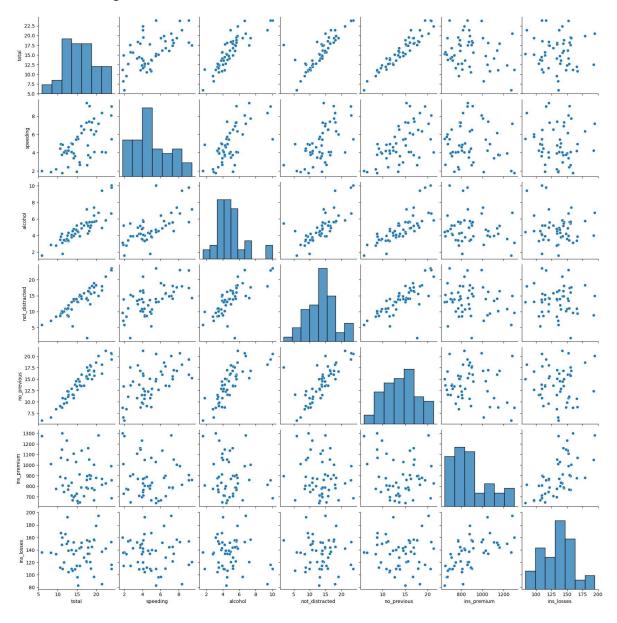
Out[11]: <AxesSubplot:xlabel='total', ylabel='Density'>



In [12]: #BELOW PLOTS ARE RELATION BETWEEN EVERY 2 VARIABLES IN THE DATASET

In [14]: sns.pairplot(data)

Out[14]: <seaborn.axisgrid.PairGrid at 0x1e3409edb50>



In [15]: # DONE BY CHARAN ADIMALLA(21BCE9482)

In [ ]: