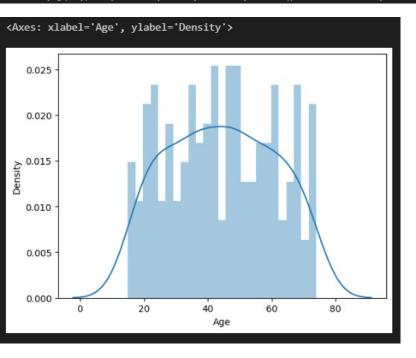


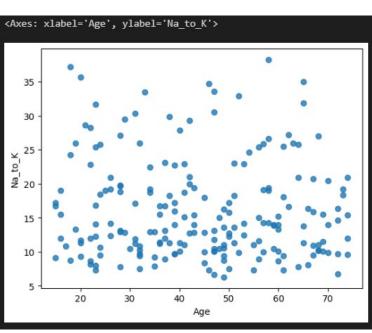
Age	1	0.1	0.068	-0.063	0.12	-0.1	0.11	-0.009		- 1.0 - 0.8
Sex -		1	0.0088	-0.13		-0.021	0.058	-0.037		- 0.6
Cholesterol		0.0088	1	-0.01	-0.062	-0.096	-0.042	0.15		- 0.4
Na_to_K	-0.063	-0.13	-0.01	1	-0.68	0.1	0.043	-0.16		- 0.2
Drug			-0.062	-0.68		0.26	-0.24	-0.031		- 0.0
BP_HIGH	-0.1	-0.021	-0.096	0.1	0.26	1	-0.54	-0.51		0.2
BP_LOW			-0.042		-0.24	-0.54	1	-0.44		0.4
BP_NORMAL	-0.009	-0.037	0.15	-0.16	-0.031	-0.51	-0.44	1		0.6
	Age	Sex	Cholesterol	Na_to_K	Drug	BP_HIGH	BP_LOW	BP_NORMAL	-	

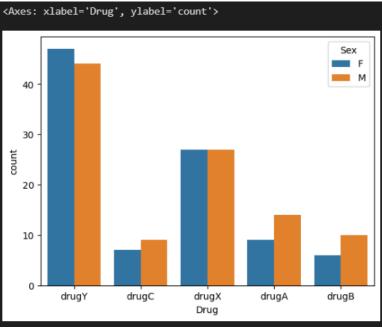
	Age	Sex	Cholesterol	Na_to_K	Drug	BP_HIGH	BP_LOW	BP_NORMAL
0	23	0	1	25.355	1	1	0	0
1	47	1	1	13.093	2	0	1	0
2	47	1	1	10.114	2	0	1	0
3	28	0	1	7.798	3	0	0	1
4	61	0	1	18.043	1	0	1	0

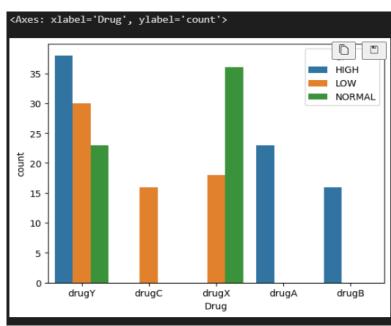
[[15	0	0	0	0]				
[0	3	0	0	0]				
[0	0 :	12	0	0]				
[0	0	0	5	1]				
[1	0	0	0	3]]				
				precision	recall	f1-score	support	
			1	0.94	1.00	0.97	15	
			2	1.00	1.00	1.00	3	
			3	1.00	1.00	1.00	12	
			4	1.00	0.83	0.91	6	
			5	0.75	0.75	0.75	4	
а	ccu	rac	y			0.95	40	
ma	cro	av	g	0.94	0.92	0.93	40	
weigh	ted	av	g	0.95	0.95	0.95	40	









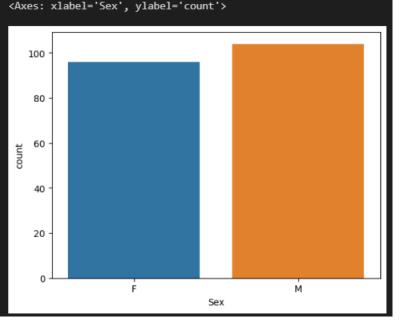


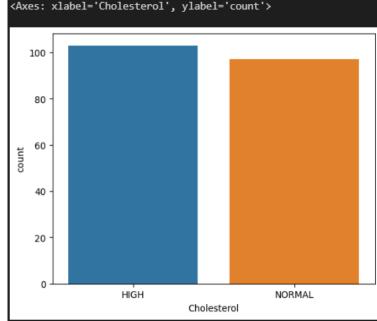
(200, 6)

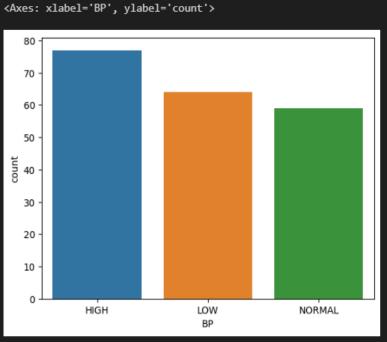
(200, 8)

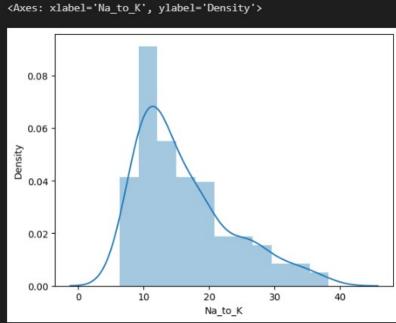
	Drug	Cholesterol	count
0	drugA	HIGH	12
1	drugA	NORMAL	11
2	drugB	HIGH	8
3	drugB	NORMAL	8
4	drugC	HIGH	16
5	drugX	HIGH	20
6	drugX	NORMAL	34
7	drugY	HIGH	47
8	drugY	NORMAL	44

	Age	Sex	ВР	Cholesterol	Na to K	Drug
0	23	0	HIGH	1	25.355	1
1	47	1	LOW	1	13.093	2
2	47	1	LOW	1	10.114	2
3	28	0	NORMAL	1	7.798	3
4	61	0	LOW	1	18.043	1









```
200.000000
count
mean
          16.084485
std
           7.223956
           6.269000
min
25%
          10.445500
50%
          13.936500
75%
          19.380000
          38.247000
max
Name: Na_to_K, dtype: float64
```

Drug Sex count
0 drugA F 9
1 drugA M 14
2 drugB F 6
3 drugB M 10
4 drugC F 7
5 drugC M 9
6 drugX F 27
7 drugX M 27
8 drugY M 44

x train shape (160, 7) x test shape (40, 7) y train shape (160, 1) y test shape (40, 1)

98.125 95.0

```
Requirement already satisfied: seaborn in <a href="mailto:sers/samya/appdatalocal/programs/python/python310/lib/site-packages">seaborn in <a href="mailto:sers/samya/appdatalocal/programs/python/python310/lib/site-packages">sers/samya/appdatalocal/programs/python/python310/lib/site-packages</a> (from matplotlibl=3.6.1,>-3.1->seaborn) (2.8.2)

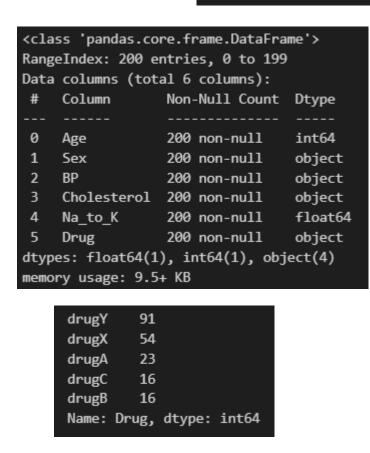
Requirement already satisfied: python-dateutil>-2.7 in <a href="mailto:sers/samya/appdatalocal/programs/python/python310/lib/site-packages">sers/samya/appdatalocal/programs/python/python310/lib/site-packages</a> (from matplotlibl=3.6.1,>-3.1->seaborn) (2.8.2)

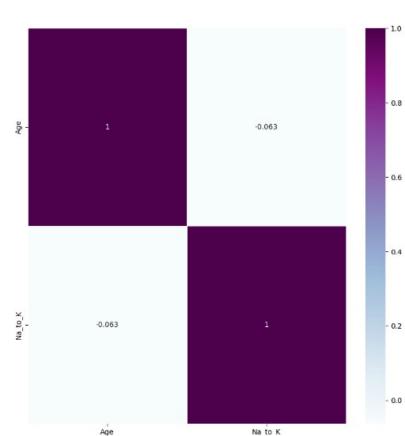
R
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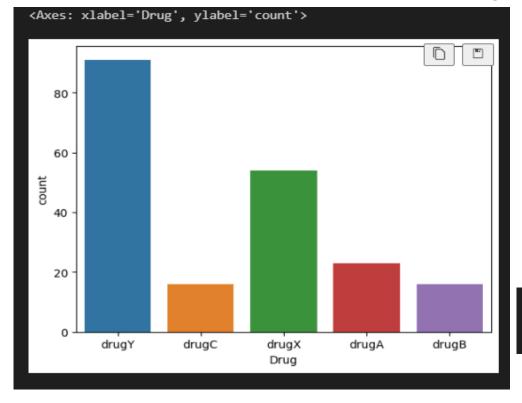
Age	0
Sex	0
BP	0
Cholesterol	0
Na_to_K	0
Drug	0
dtype: int64	

	Age	Sex	ВР	Cholesterol	Na_to_K	Drug
0	23	F	HIGH	HIGH	25.355	drugY
1	47	М	LOW	HIGH	13.093	drugC
2	47	М	LOW	HIGH	10.114	drugC
3	28	F	NORMAL	HIGH	7.798	drugX
4	61	F	LOW	HIGH	18.043	drugY

Name:	F	M
Sex,	96	104
dtype:		
int64		







F 96
Name: Sex, dtype: int64
HIGH 77
LOW 64
NORMAL 59
Name: BP, dtype: int64

104

М

HIGH 103 NORMAL 97

Name: Cholesterol, dtype: int64