

```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

df = pd.read_csv("Data_Negara_HELP.csv")
df
```

	Negara	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harapan_h
0	Afghanistan	90.2	10.0	7.58	44.9	1610	9.44	
1	Albania	16.6	28.0	6.55	48.6	9930	4.49	
2	Algeria	27.3	38.4	4.17	31.4	12900	16.10	
3	Angola	119.0	62.3	2.85	42.9	5900	22.40	
4	Antigua and Barbuda	10.3	45.5	6.03	58.9	19100	1.44	
...	
162	Vanuatu	29.2	46.6	5.25	52.7	2950	2.62	
163	Venezuela	17.1	28.5	4.91	17.6	16500	45.90	
164	Vietnam	23.3	72.0	6.84	80.2	4490	12.10	
165	Yemen	56.3	30.0	5.18	34.4	4480	23.60	
166	Zambia	83.1	37.0	5.89	30.9	3280	14.00	

167 rows × 10 columns



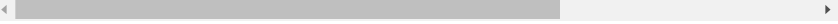
```
df.describe()
```

	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi
count	167.000000	167.000000	167.000000	167.000000	167.000000	167.000000
mean	38.270060	41.108976	6.815689	46.890215	17144.688623	7.781832
std	40.328931	27.412010	2.746837	24.209589	19278.067698	10.570704
min	2.600000	0.109000	1.810000	0.065900	609.000000	-4.210000
25%	8.250000	23.800000	4.920000	30.200000	3355.000000	1.810000
50%	19.300000	35.000000	6.320000	43.300000	9960.000000	5.390000
75%	62.100000	51.350000	8.600000	58.750000	22800.000000	10.750000
max	208.000000	200.000000	17.900000	174.000000	125000.000000	104.000000

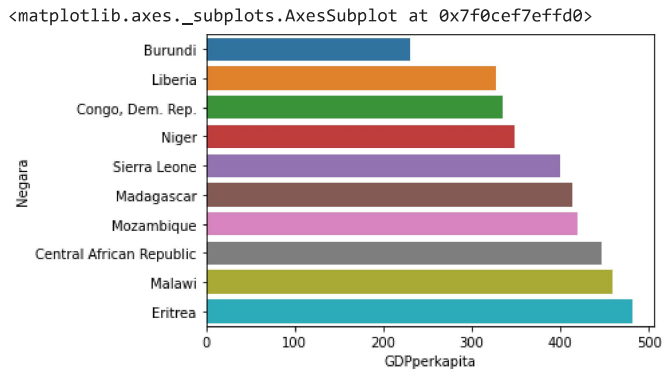


```
df_gdp = df.sort_values('GDPperkapita', ascending=True)
df_gdp.head()
```

	Negara	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harapan
26	Burundi	93.6	8.92	11.60	39.2	764	12.30	
88	Liberia	89.3	19.10	11.80	92.6	700	5.47	
37	Congo, Dem. Rep.	116.0	41.10	7.91	49.6	609	20.80	
112	Niger	123.0	22.20	5.16	49.1	814	2.55	
132	Sierra Leone	160.0	16.80	13.10	34.5	1220	17.20	



```
sns.barplot(data=df_gdp, x="GDPperkapita", y="Negara")
```

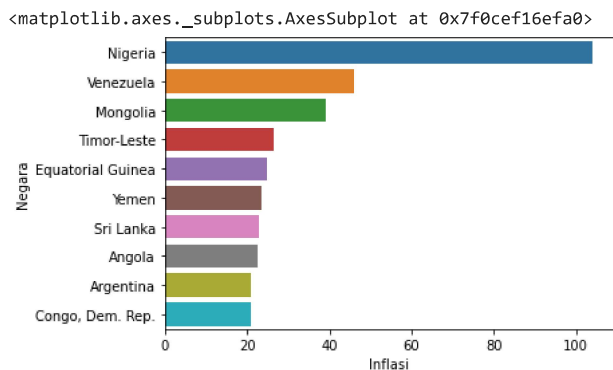


```
df_inflasi = df.sort_values('Inflasi', ascending=False)
df_inflasi.head()
```

	Negara	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harap
113	Nigeria	130.0	25.3	5.07	17.4	5150	104.0	
163	Venezuela	17.1	28.5	4.91	17.6	16500	45.9	
103	Mongolia	26.1	46.7	5.44	56.7	7710	39.2	
149	Timor-Leste	62.6	2.2	9.12	27.8	1850	26.5	
49	Equatorial Guinea	111.0	85.8	4.48	58.9	33700	24.9	



```
sns.barplot(data=df_inflasi, x="Inflasi", y="Negara")
```



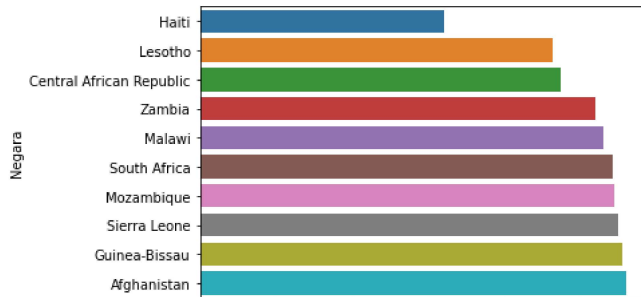
```
df_harapan = df.sort_values('Harapan_hidup', ascending=True)
df_harapan.head()
```

	Negara	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harapa
66	Haiti	208.0	15.3	6.91	64.7	1500	5.45	
87	Lesotho	99.7	39.4	11.10	101.0	2380	4.15	
31	Central African Republic	149.0	11.8	3.98	26.5	888	2.01	
166	Zambia	83.1	37.0	5.89	30.9	3280	14.00	
94	Malawi	90.5	22.8	6.59	34.9	1030	12.10	



```
sns.barplot(data=df_harapan, x="Harapan_hidup", y="Negara")
```

<matplotlib.axes._subplots.AxesSubplot at 0x7f0cef41b130>



```
df_kematian = df.sort_values('Kemati-an anak', ascending=False)
df_kematian.head()
```

	Negara	Kemati-an anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harapa
66	Haiti	208.0	15.3	6.91	64.7	1500	5.45	
132	Sierra Leone	160.0	16.8	13.10	34.5	1220	17.20	
32	Chad	150.0	36.8	4.53	43.5	1930	6.39	
31	Central African Republic	149.0	11.8	3.98	26.5	888	2.01	
97	Mali	137.0	22.8	4.98	35.1	1870	4.37	



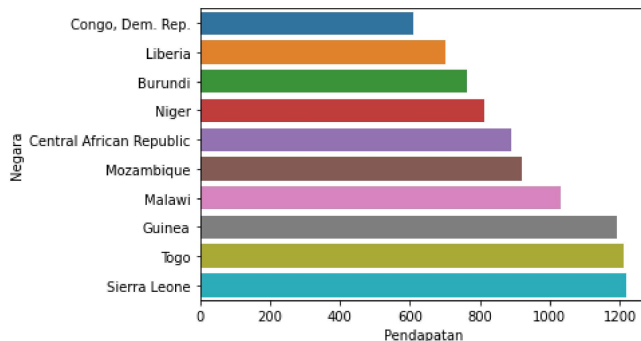
```
df_pendapatan = df.sort_values('Pendapatan', ascending=True)
df_pendapatan.head()
```

	Negara	Kemati-an anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Harapa
37	Congo, Dem. Rep.	116.0	41.10	7.91	49.6	609	20.80	
88	Liberia	89.3	19.10	11.80	92.6	700	5.47	
26	Burundi	93.6	8.92	11.60	39.2	764	12.30	
112	Niger	123.0	22.20	5.16	49.1	814	2.55	
31	Central African Republic	149.0	11.80	3.98	26.5	888	2.01	



```
sns.barplot(data=df_pendapatan, x="Pendapatan", y="Negara")
```

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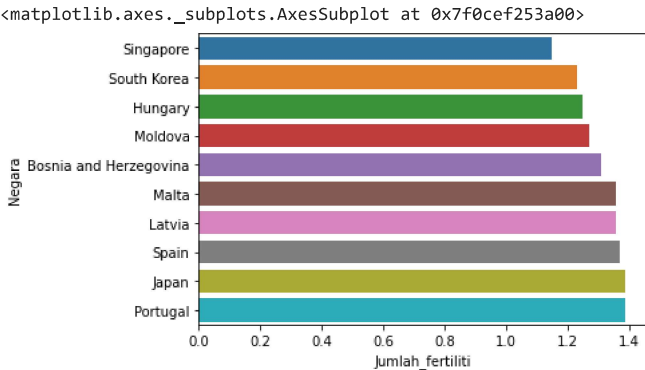


```
df_fertiliti = df.sort_values('Jumlah_fertiliti', ascending=True)
df_fertiliti.head()
```

	Negara	Kematian_anak	Ekspor	Kesehatan	Impor	Pendapatan	Inflasi	Har
133	Singapore	2.8	200.0	3.96	174.0	72100	-0.046	
138	South Korea	4.1	49.4	6.93	46.2	30400	3.160	
67	Hungary	6.0	81.8	7.33	76.5	22300	2.330	
102	Moldova	17.2	39.2	11.70	78.5	3910	11.100	
20	Bosnia and Herzegovina	6.9	29.7	11.10	51.3	9720	1.400	



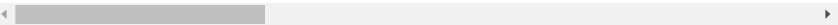
```
sns.barplot(data=df_fertiliti, x="Jumlah_fertiliti", y="Negara")
```



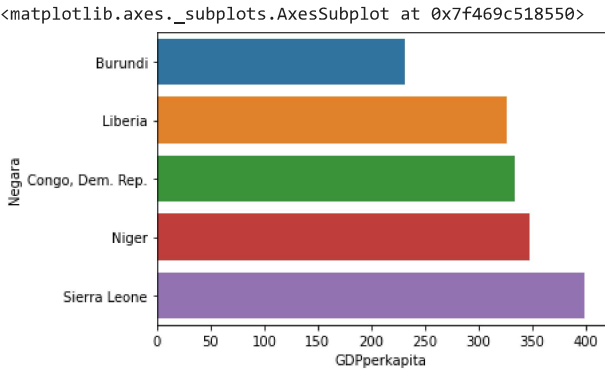
```
termiskin = pd.merge(pd.merge(df_gdp, df_pendapatan, on='Negara'),df_inflasi,on='Negara')
termiskin.head()
```

	Negara	Kematian_anak_x	Ekspor_x	Kesehatan_x	Impor_x	Pendapatan_x	Inflasi_x
0	Burundi	93.6	8.92	11.60	39.2	764	12.3
1	Liberia	89.3	19.10	11.80	92.6	700	5.4
2	Congo, Dem. Rep.	116.0	41.10	7.91	49.6	609	20.8
3	Niger	123.0	22.20	5.16	49.1	814	2.5
4	Sierra Leone	160.0	16.80	13.10	34.5	1220	17.2

5 rows x 28 columns



```
sns.barplot(data=termiskin, x="GDPperkapita", y="Negara")
```



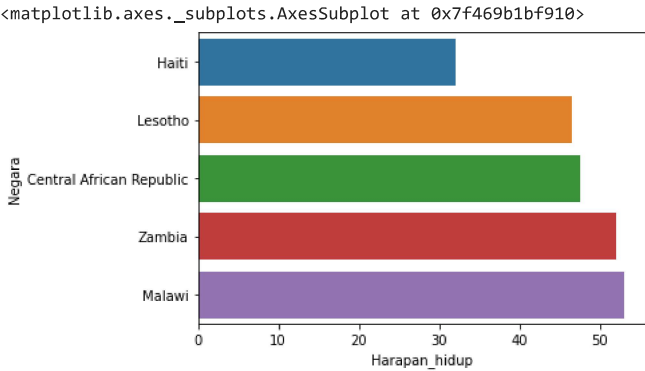
```
kesehatan_min = pd.merge(pd.merge(df_harapan, df_kematian, on='Negara'),df_fertiliti,on='Negara')
kesehatan_min.head()
```

	Negara	Kematian_anak_x	Ekspor_x	Kesehatan_x	Impor_x	Pendapatan_x	Inflasi
0	Haiti	208.0	15.3	6.91	64.7	1500	5.
1	Lesotho	99.7	39.4	11.10	101.0	2380	4.
2	Central African Republic	149.0	11.8	3.98	26.5	888	2.
3	Zambia	83.1	37.0	5.89	30.9	3280	14.
4	Malawi	90.5	22.8	6.59	34.9	1030	12.

5 rows × 28 columns



```
sns.barplot(data=kesehatan_min, x="Harapan_hidup", y="Negara")
```



```
negara_membutuhkan = pd.merge(termiskin, kesehatan_min, on='Negara')
negara_membutuhkan
```

	Negara	Kematian_anak_x_x	Ekspor_x_x	Kesehatan_x_x	Impor_x_x	Pendapatan_x_x
0	Burundi	93.6	8.92	11.60	39.2	764
1	Liberia	89.3	19.10	11.80	92.6	700
2	Congo, Dem. Rep.	116.0	41.10	7.91	49.6	609
3	Niger	123.0	22.20	5.16	49.1	814
4	Sierra Leone	160.0	16.80	13.10	34.5	1220

5 rows × 55 columns



```
sns.barplot(data=negara_membutuhkan,x='GDPperkapita_y', y="Negara")
```

