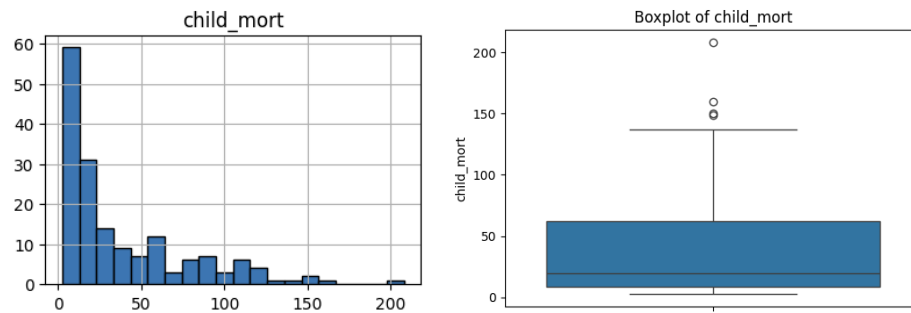# Country

['Afghanistan' 'Albania' 'Algeria' 'Angola' 'Antigua and Barbuda'
 'Argentina' 'Armenia' 'Australia' 'Austria' 'Azerbaijan' 'Bahamas'
 'Bahrain' 'Bangladesh' 'Barbados' 'Belarus' 'Belgium' 'Belize' 'Benin'
 'Bhutan' 'Bolivia' 'Bosnia and Herzegovina' 'Botswana' 'Brazil' 'Brunei'
 'Bulgaria' 'Burkina Faso' 'Burundi' 'Cambodia' 'Cameroon' 'Canada'
 'Cape Verde' 'Central African Republic' 'Chad' 'Chile' 'China' 'Colombia'
 'Comoros' 'Congo, Dem. Rep.' 'Congo, Rep.' 'Costa Rica' "Cote d'Ivoire"
 'Croatia' 'Cyprus' 'Czech Republic' 'Denmark' 'Dominican Republic'
 'Ecuador' 'Egypt' 'El Salvador' 'Equatorial Guinea' 'Eritrea' 'Estonia'
 'Fiji' 'Finland' 'France' 'Gabon' 'Gambia' 'Georgia' 'Germany' 'Ghana'
 'Greece' 'Grenada' 'Guatemala' 'Guinea' 'Guinea-Bissau' 'Guyana' 'Haiti'
 'Hungary' 'Iceland' 'India' 'Indonesia' 'Iran' 'Iraq' 'Ireland' 'Israel'
 'Italy' 'Jamaica' 'Japan' 'Jordan' 'Kazakhstan' 'Kenya' 'Kiribati'
 'Kuwait' 'Kyrgyz Republic' 'Lao' 'Latvia' 'Lebanon' 'Lesotho' 'Liberia'
 'Libya' 'Lithuania' 'Luxembourg' 'Macedonia, FYR' 'Madagascar' 'Malawi'
 'Malaysia' 'Maldives' 'Mali' 'Malta' 'Mauritania' 'Mauritius'
 'Micronesia, Fed. Sts.' 'Moldova' 'Mongolia' 'Montenegro' 'Morocco'
 'Mozambique' 'Myanmar' 'Namibia' 'Nepal' 'Netherlands' 'New Zealand'
 'Niger' 'Nigeria' 'Norway' 'Oman' 'Pakistan' 'Panama' 'Paraguay' 'Peru'
 'Philippines' 'Poland' 'Portugal' 'Qatar' 'Romania' 'Russia' 'Rwanda'
 'Samoa' 'Saudi Arabia' 'Senegal' 'Serbia' 'Seychelles' 'Sierra Leone'
 'Singapore' 'Slovak Republic' 'Slovenia' 'Solomon Islands' 'South Africa'
 'South Korea' 'Spain' 'Sri Lanka' 'St. Vincent and the Grenadines'
 'Sudan' 'Suriname' 'Sweden' 'Switzerland' 'Tajikistan' 'Tanzania'
 'Thailand' 'Timor-Leste' 'Togo' 'Tonga' 'Tunisia' 'Turkey' 'Turkmenistan'
 'Uganda' 'Ukraine' 'United Arab Emirates' 'United Kingdom'
 'United States' 'Uruguay' 'Uzbekistan' 'Vanuatu' 'Venezuela' 'Vietnam'
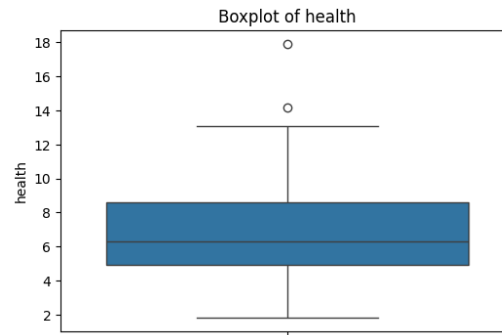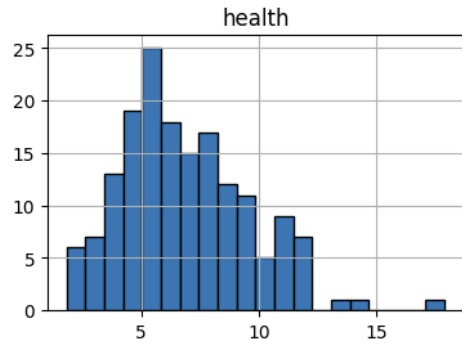 'Yemen' 'Zambia']

- Could apply standardizing

Child Mortality


```
Summary for child_mort:
    Min      : 2.60
    Q1 (25%): 8.25
    Median   : 19.30
    Mean     : 38.27
    Q3 (75%): 62.10
    Max      : 208.00
    IQR      : 53.85
    Outliers: [149. 150. 208. 160.]
```

Death of children under 5 years of age per 1000 live births

The histogram for child mortality is right skewed. In theory, this is good because it means that there is a lower concentration of high child deaths.
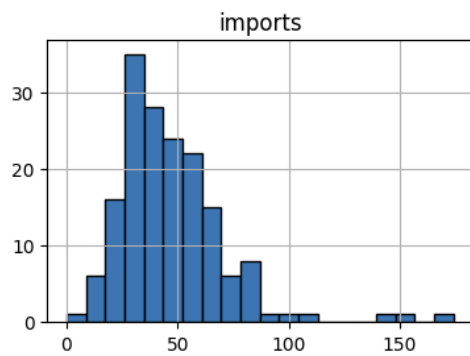
Health UNDERSTAND BETTER


```
Summary for health:
   Min      : 1.81
   Q1 (25%): 4.92
   Median   : 6.32
   Mean     : 6.82
   Q3 (75%): 8.60
   Max      : 17.90
   IQR      : 3.68
   Outliers: [14.2 17.9]
```
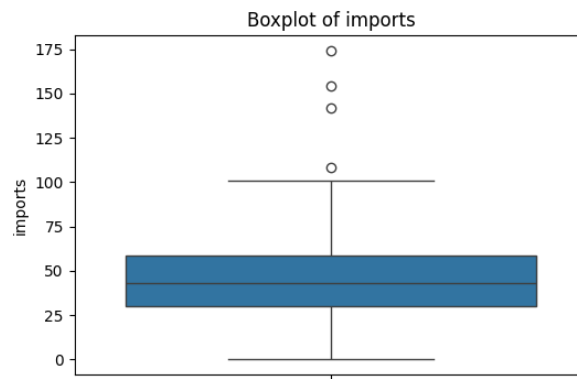
The histogram for health is somewhat bellshaped with a slight right-skew. In this data, the variable health is the Total health spending per capita, given as %age of GDP per capita
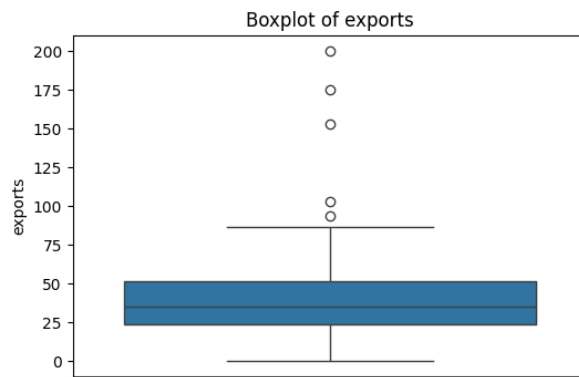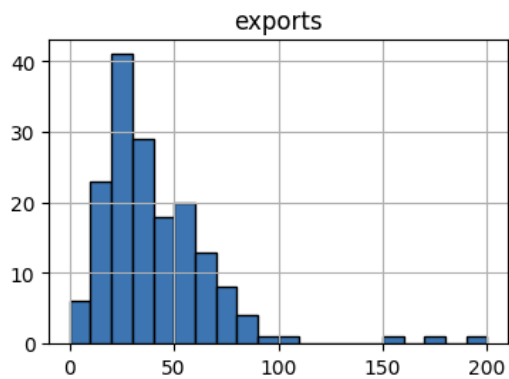
Imports


```
 Min       : 0.07
 Q1 (25%): 30.20
 Median   : 43.30
 Mean     : 46.89
 Q3 (75%): 58.75
 Max      : 174.00
 IQR      : 28.55
 Outliers: [142. 154. 108. 174.]
```

Imports of goods and services per capita. Given as %age of the GDP per capita
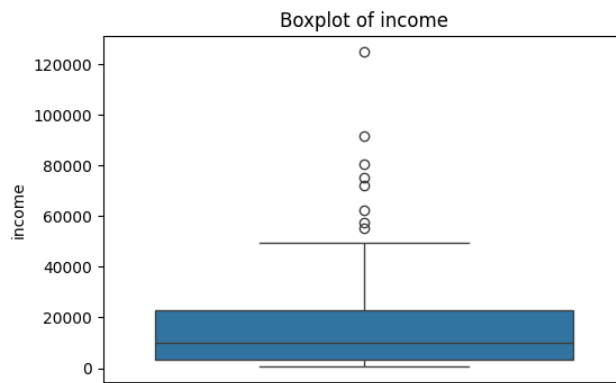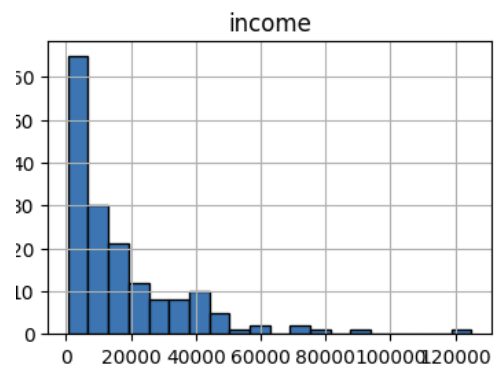
Exports


```
Summary for exports:
   Min      : 0.11
   Q1 (25%): 23.80
   Median   : 35.00
   Mean     : 41.11
   Q3 (75%): 51.35
   Max      : 200.00
   IQR      : 27.55
   Outliers: [103.   175.   153.    93.8 200. ]
```

Exports of goods and services per capita. Given as %age of the GDP per capita

Income


```
Summary for income:
   Min      : 609.00
   Q1 (25%): 3355.00
   Median   : 9960.00
   Mean     : 17144.69
   Q3 (75%): 22800.00
   Max      : 125000.00
   IQR      : 19445.00
   Outliers: [ 80600  75200  91700  62300 125000  72100  55500  57600]
```
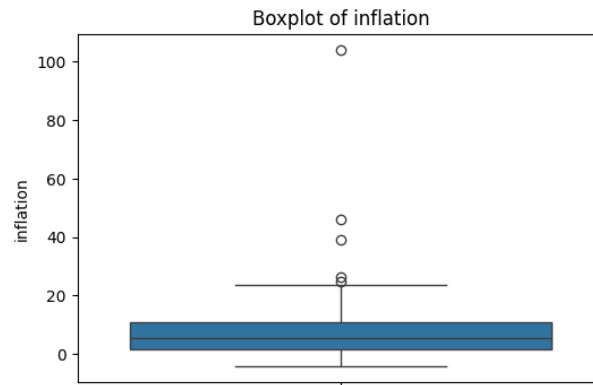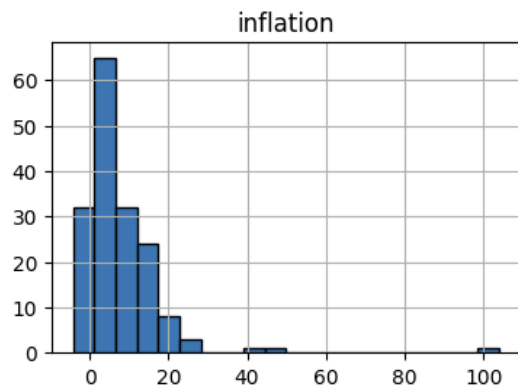
Net income per person

Inflation


```
Summary for inflation:
    Min       : -4.21
    Q1 (25%): 1.81
    Median   : 5.39
    Mean     : 7.78
    Q3 (75%): 10.75
    Max       : 104.00
    IQR       : 8.94
    Outliers: [ 24.9  39.2 104.   26.5  45.9]
```
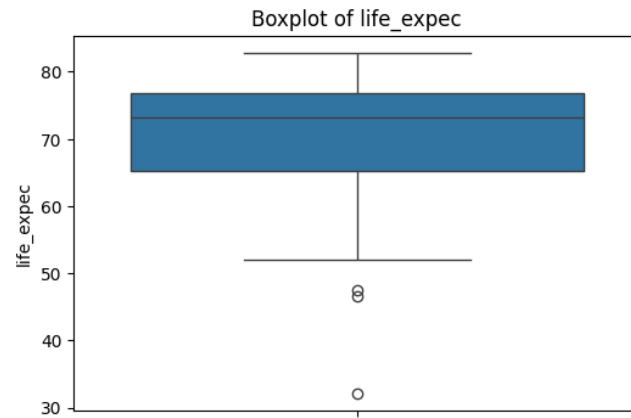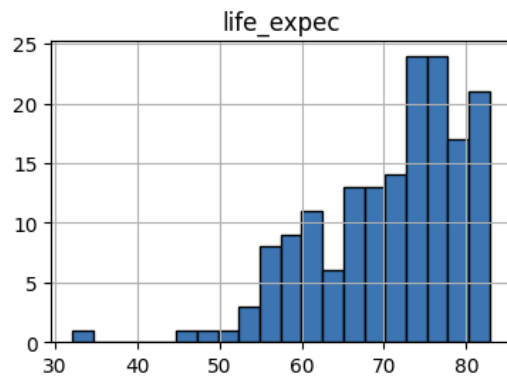
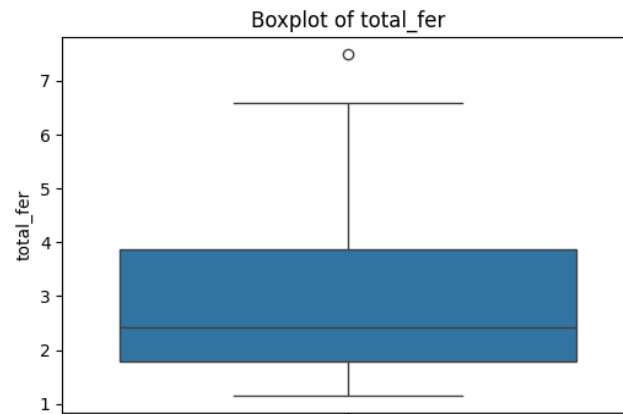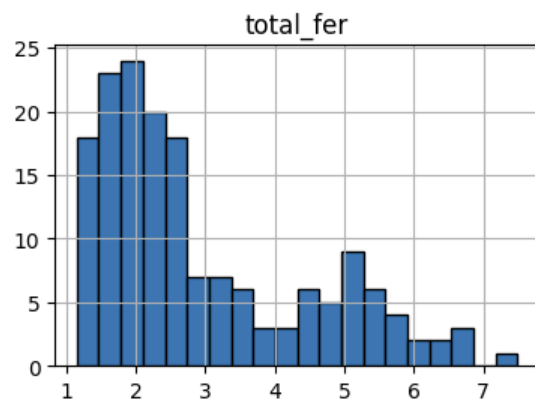The measurement of the annual growth rate of the Total GDP

Life expectancy


```
Min       : 32.10
 Q1 (25%): 65.30
 Median   : 73.10
 Mean     : 70.56
 Q3 (75%): 76.80
 Max      : 82.80
 IQR      : 11.50
 Outliers: [47.5 32.1 46.5]
```

The average number of years a new born child would live if the current mortality patterns are to remain the same
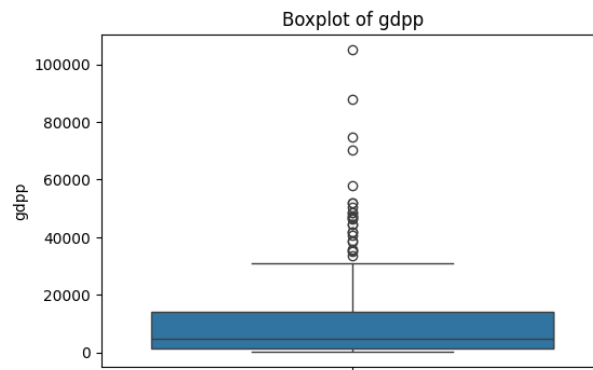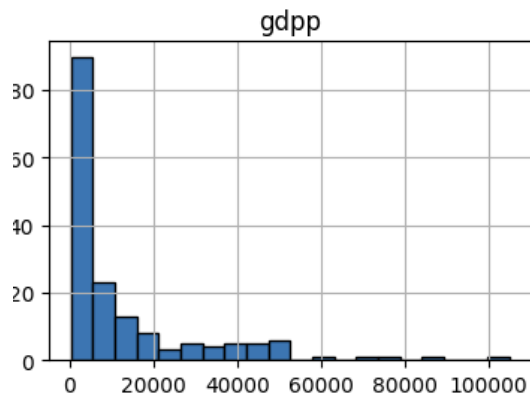
Total fertility


```
Summary for total_fer:
    Min      : 1.15
    Q1 (25%): 1.79
    Median   : 2.41
    Mean     : 2.95
    Q3 (75%): 3.88
    Max      : 7.49
    IQR      : 2.08
    Outliers: [7.49]
```

The number of children that would be born to each woman if the current age-fertility rates remain the same.

Gdp

Summary for gdpp:
```
   Min      : 231.00
   Q1 (25%): 1330.00
   Median   : 4660.00
   Mean     : 12964.16
   Q3 (75%): 14050.00
   Max      : 105000.00
   IQR      : 12720.00
   Outliers: [ 51900   46900   44400   35300   47400   58000   46200   40600
41800   41900
   48700   35800   44500   38500  105000   50300   33700   87800   70300   46600
   52100   74600   35000   38900   48400]
```

The GDP per capita. Calculated as the Total GDP divided by the total population.