

# Data Appendix

## Analysis Data

The units of observation for each row is a country during a specific year.

Variable	Description	Units
country	Name of the country that the data is recorded for. Taken from dataset on Gapminder.com. Selected top 10 most developed and least developed countries. 0 missing values.	string
year	Year that the data was recorded for. Taken from dataset on Gapminder.com. Filtered 1991-2013 data. 0 missing values.	number
developed?	Whether the country is developed or not. Created and merged manually based on selected countries. 0 missing values.	"yes" or "no"
GDP	Total GDP growth per year. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values/	float
OWID Education Index	Education index calculated based on average years of schooling, taking values 0 as minimum and 15 as maximum. Taken from dataset on Gapminder.com. Filtered selected countries. 39 missing values.	float

Agriculture Workers (%)	Percentage of all employment that works in the agriculture sector. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values.	float
Industry Workers (%)	Percentage of all employment that works in the industry sector. Taken from dataset on Gapminder.com. 0 missing values.	float
Service Workers (%)	Percentage of all employment that works in the service sector. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values.	float
Exports (%)	Percentage of GDP that is the value of goods and other market services provided to the rest of the world. Taken from dataset on Gapminder.com. Filtered selected countries. 36 missing values.	float
Babies per woman (30 years lagged)	Number of children that would be born to a woman if she were to live to the end of her childbearing years and bear children in accordance with age-specific fertility rates. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values.	float
Child Mortality Rate (30 years lagged)	Number of deaths of children under 5 years of age per 1,000 live births. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values.	float

Life Expectancy (50 years lagged)	Number of years a newborn infant would live if the current mortality rates at different ages were to stay the same throughout its life. Taken from dataset on Gapminder.com. Filtered selected countries. 0 missing values.	float
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## Country

```
count      460
unique      20
top    Afghanistan
freq        23
Name: country, dtype: object
```

## Year

```
count    460.000000
mean     2002.000000
std       6.640471
min     1991.000000
25%     1996.000000
50%     2002.000000
75%     2008.000000
max     2013.000000
Name: year, dtype: float64
```

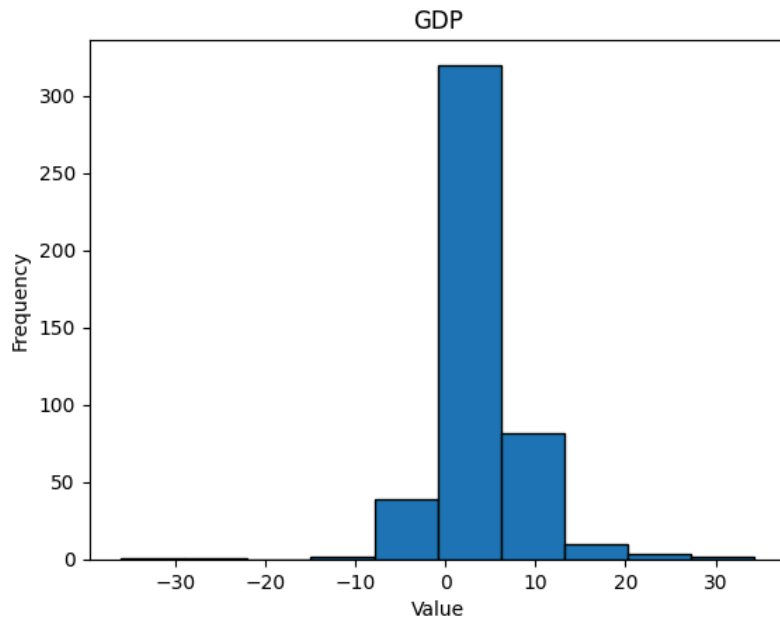
## Developed?

```
count    460
unique     2
top      no
freq     230
Name: developed?, dtype: object
```

## GDP

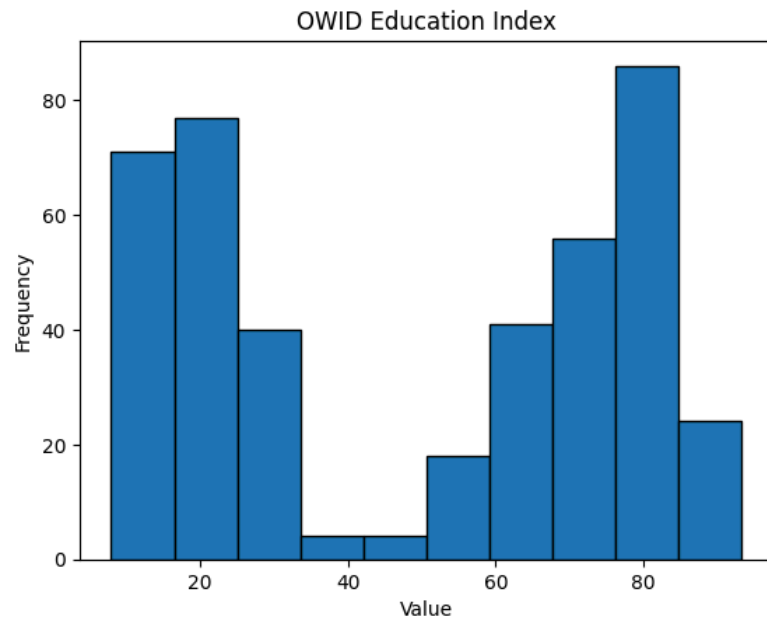
```
count    460.000000
mean      3.722117
```

std 5.213944  
min -36.000000  
25% 1.340000  
50% 3.530000  
75% 5.680000  
max 34.300000  
Name: GDP, dtype: float64



## OWID Education Index

count 421.000000  
mean 49.045511  
std 28.547963  
min 8.000000  
25% 19.300000  
50% 58.700000  
75% 77.300000  
max 93.300000  
Name: OWID Education Index, dtype: float64



## Agriculture Workers (%)

count 460.000000

mean 34.135389

std 32.613244

min 0.096000

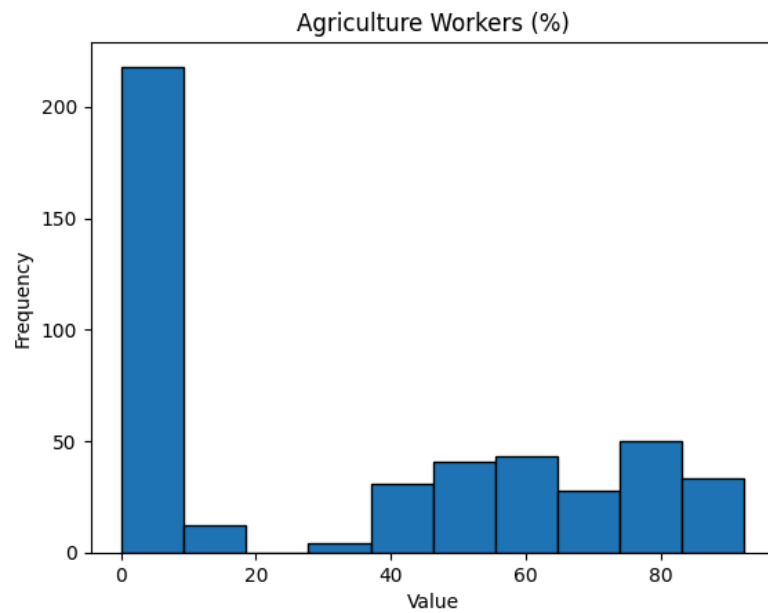
25% 3.387500

50% 24.250000

75% 64.400000

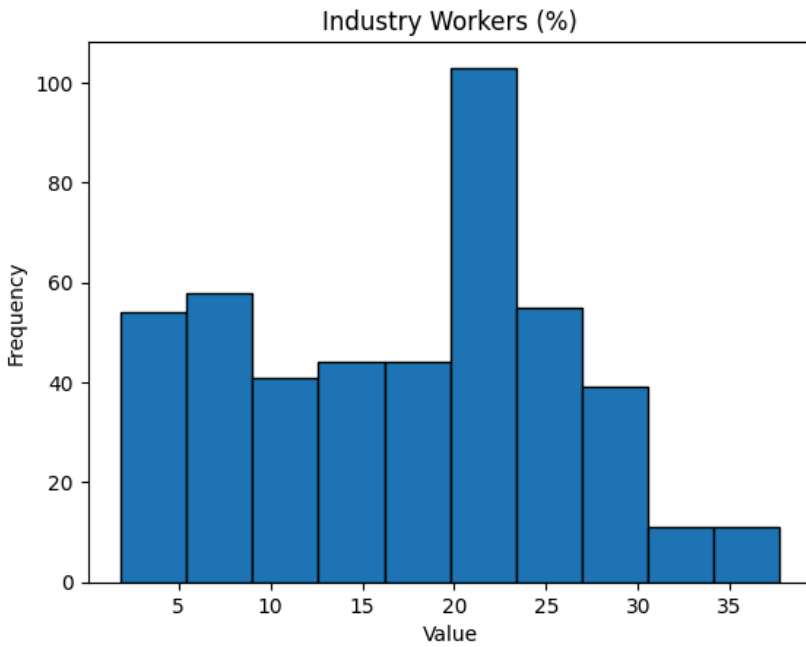
max 92.400000

Name: Agriculture Workers (%), dtype: float64



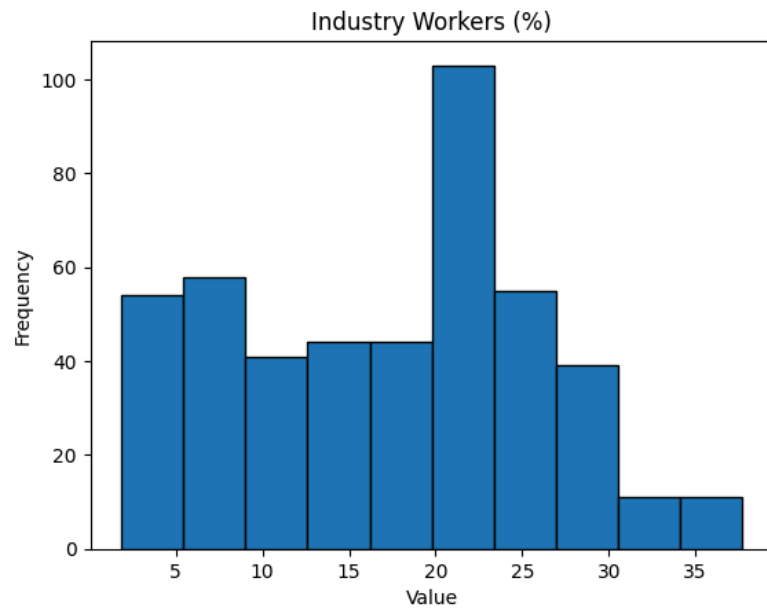
## Industry Workers (%)

```
count    460.000000
mean      17.274152
std        8.814311
min         1.860000
25%         9.202500
50%        19.200000
75%        23.400000
max        37.700000
Name: Industry Workers (%), dtype: float64
```



## Service Workers (%)

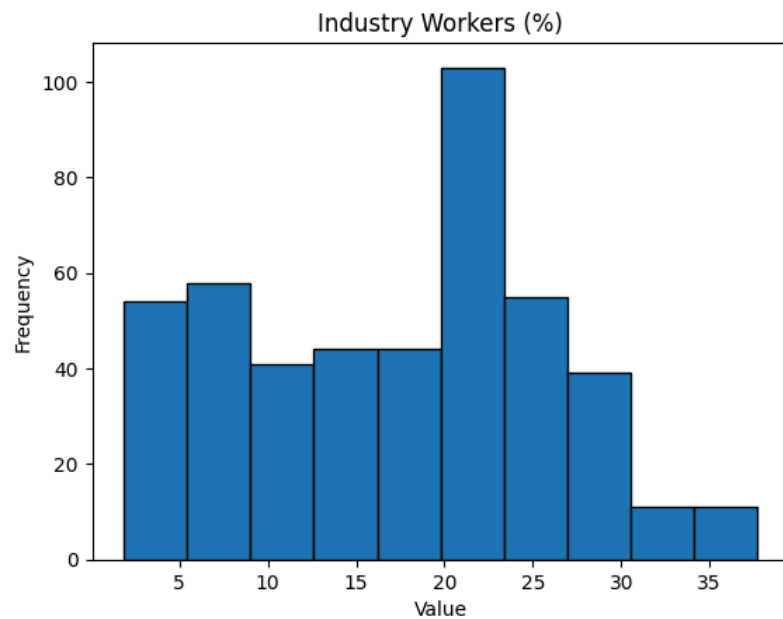
```
count    460.000000
mean      48.589370
std       25.374873
min        5.340000
25%       24.700000
50%       56.700000
75%       72.425000
max       87.600000
Name: Service Workers (%), dtype: float64
```



## Exports (%)

```
count    424.000000
mean     47.825094
std      49.251310
min       4.690000
25%      17.075000
50%      35.350000
75%      53.350000
max      229.000000
Name: Exports (%), dtype: float64
```

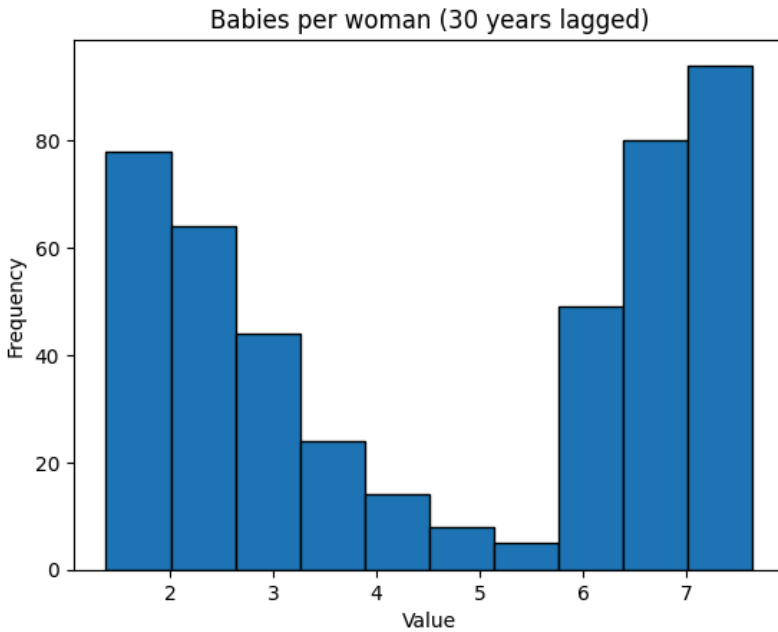




## Babies per woman (30 years lagged)

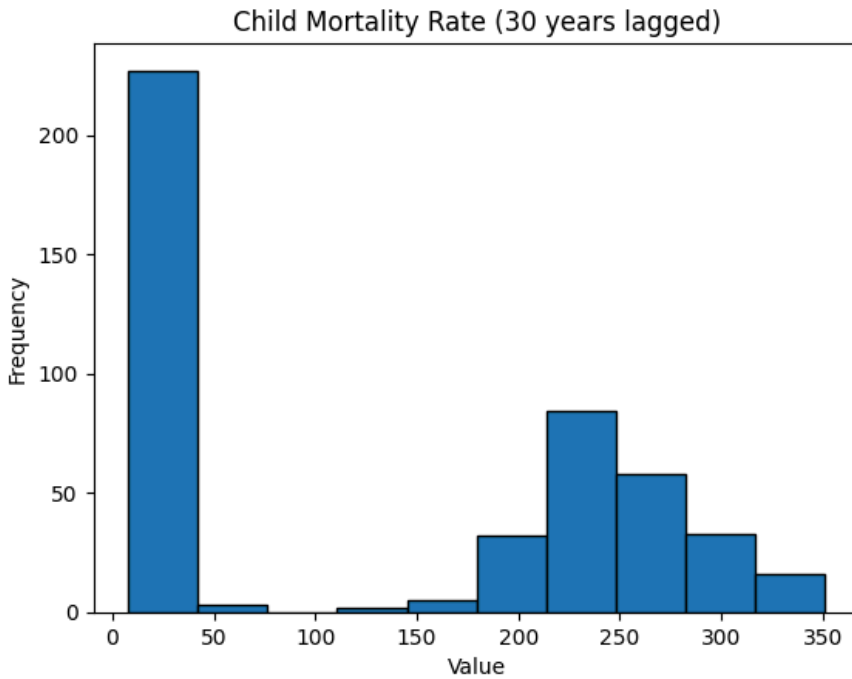
```
count    460.000000
mean      4.663587
std       2.241776
min       1.380000
25%       2.397500
50%       5.090000
75%       6.862500
max       7.640000
```

Name: Babies per woman (30 years lagged), dtype: float64



## Child Mortality Rate (30 years lagged)

```
count    460.000000
mean      134.064413
std       118.983805
min        7.830000
25%       17.400000
50%       89.150000
75%      247.000000
max      351.000000
Name: Child Mortality Rate (30 years lagged), dtype: float64
```



## Life Expectancy (50 years lagged)

```
count    460.000000
mean      54.281739
std       13.916789
min       18.300000
25%       42.575000
50%       48.150000
75%       68.925000
max       73.900000
Name: Life Expectancy (50 years lagged), dtype: float64
```

