

Quarto Assignment Instructions

Context

You are Data Analyst for the UNICEF organisation, and you have been asked to design a report to raise awareness of the public on a specific world issue.

Task

Using the files that you already have received by email (i.e., one or both **unicef_indicator_1.csv** and **unicef_indicator_2.csv** files as well as **unicef_metadata.csv** file), **create an html report that contains a story** (i.e., narrative) **and some visualisations** to support this story.

This html report must be **rendered by Quarto** and **published with GitHub Pages**.

Story

You can copy-paste the exact same text included in your Tableau Dashboard assignment. You can also modify it or write a new one if you prefer. This story has to **use text emphasis styles** (e.g., title levels, italic/bold font, list and bullet points, ...).

Visualisations

They will have to be created with the plotnine package. You need to **include at least 4 visualisations**: A World Map chart, a bar chart, a scatterplot with a linear regression line, a time-series chart.

HTML Output

The report must contain a YAML text cell with, **at least**, the following code:

```
---
format:
  html:
    embed-resources: true
    code-fold: true
---
```

More specifications of the YAML, the addition of a theme, and the use of hashpipe options in the code cells will be positively assessed.

Submission

Submit the **URL of your html report** published with GitHub Pages on the **BAA1030 Loop page** by **April 13th, 1pm**.

Assessment Criteria

- Overall Code (25%)
- Data Transformations (25%)
- Visualisation Design (25%)
- HTML Output (25%)

See criteria quality grid for a description of expected submissions.