**Part 1: Data Management & Programming**

Create 3 informative visualizations about malaria starting with the data sets at <https://github.com/rfordatascience/tidytuesday/tree/master/data/2018/2018-11-13>.

You are recommended to present your solutions in a Rmarkdown file or Python notebook.

Place your Rmarkdown/Python notebook with *reproducible* results in a GitHub repository. By reproducible, we mean that when we run the script, the same visualizations should be recreated each time.

We are looking for evidence of the following basic data science skills:

* Data processing skills (e.g. data preparation, exploratory data analysis)
* Functional programming
* Neat codes
* Documentation (e.g. appropriate commenting)

Please indicate at the top of your script the following:

**Part 2: Tableau Visualizations**

Create a dashboard to monitor the health status of US counties using the dataset “US County Health Rankings” on <https://public.tableau.com/en-us/s/resources>

You may need to download and install Tableau Desktop community edition from <https://public.tableau.com> Publish your dashboard to Tableau Public and provide us its URL.

We are looking for evidence of:

* Data visualization skills
* Insight discovery
* Data storytelling skills

You are expected to make a 10-15 minute technical presentation of how you approached this 2 exercises and key insights from the analysis during the interview.