Group Contributions:

- ❖ Kellen Murerwa worked on **pdf**(Part 1), **init** function(Part 2), and **Iteration 2**(Part 3, Part 4).

- ❖ Erneste Ntezirizaza worked on **cdf**(Part 1), **calculate_posterior** function(Part 2), and **Iteration 1**(Part 3, Part 4).

- ❖ Pauline Ishimwe worked on **probability_between** function(Part 1), **plot_posterior_vs_prevalence** function(Part 2), and **Iteration 4**(Part 3, Part 4).

- ❖ Souvede Inshuti worked on **plot_normal_distribution** function(Part 1), **sequential_testing** & **explain_bayesian_update** functions(Part 2), and **Iteration 3**(Part 3, Part 4).