1. **Exercise 1**

   Link the shiny inputs to the model inputs (initial conditions and parameters) such that the plot updates when you change the inputs in the app.

2. **Exercise 2**

   Add a “Run model” button in the app such that the plot only updates when the run model button is clicked.

3. **Exercise 3**

   Use the plotly package to make the plot interactive.

4. **Exercise 4**

   Replace the single card containing the model plot with a navset_card_underline() with two panels, one containing the model plot and the other containing a table of the model results. Use the reactable package for the table.

5. **Exercise 5**

   Use an accordion to group the model inputs into three sections; **Human parameters**, **Mosquito Parameters** and **Initial Conditions**

6. **Exercise 6**

   Source the model.R script into the app.R script and complete the code to generate the model_output reactive in the server.

7. **Exercise 7**

   Guided session on downloading data and a report from the app.