The Project Delivery is composed of 5 files:

1. This READ_ME pdf file with instructions
2. For Stage 1:
    i. A .sql file with the mySQL code
3. For Stages 2-4:
    i. An RMarkdown file with the R-code for the task
    ii. A reproducible html file with the expected output from the RMarkdown, which includes a technical documentation of the project approach
    iii. A Presentation describing the project and the project approach for less technical business users

I suggest that the assessor starts with the Presentation <u>with animation</u> because this guides him/her through a quick overview of the approach. I understand that the presentation was not strictly required as part of the task, but apart from serving as a summary, I also wanted to take the opportunity to display my presentation skills.

In order to reproduce the html report, please observe the following steps:

1. Open the DS_interview_JohnSoler.Rmd file in RStudio
2. **Input the passphrase** for the test_data.zip file in line 7, replacing: [enter passphrase here]
3. Execute the code using the Knit button (or Ctrl+Shift+K)
4. Upon execution, you will be prompted to select a folder. Please **select the test_data.zip** folder from your directory.
5. Now a window pops up, which asks you to extract the test_data.zip folder. **Do not close the window yet.**
    a. A .txt file called PASSWORD is created in the same directory as the test_data.zip folder. This contains the unhashed passphrase (from step 2).
    b. Use the password to extract the json file. Please make sure that the extracted json file is **saved in a folder called "test_data" in the same directory as the test_data.zip folder.**
6. Once steps 5.a and 5.b are completed, close on the window from step 5 by clicking as indicated.
7. The code now runs automatically and generates an html file called DS_interview_JohnSoler