

FIFA Quarto

We utilize Quarto to perform reproducible data analysis (with R), on Wage Prediction of [FIFA dataset](#) from 2018-2022. To reproduce the analysis and generate the Quarto-based report, perform the following steps:

1. Clone the git repo using:

```
git clone https://github.com/shyamshankarhr/fifa-quarto.git
```

2. Ensure that R is installed. Else, install it from <https://cran.r-project.org/> (To ensure complete reproducibility of the numbers as in the sample_result, use R version: 4.2.2 since the pseudorandom generators are different in different versions, and even seeding won't give consistent outputs (over different versions of R)).
3. Install Quarto (if not done already). It is available [here](#).
4. In the cloned project directory, run the following command on command prompt:

```
quarto render FifaWage.qmd --to html
```

This may take around 20 minutes to run.

5. The report is generated as FifaWage.html

Sample Output

A sample output of the analysis is shown [here](#). This file is also kept in sample_output folder.

Reproducibility

The goal of the project is to be able to reproduce the analysis results, using Quarto. The report is not hard-coded but generated based on the data files, and analysis results. The generated output file (FifaWage.html) will be similar to [sample output](#) if the R-version is consistent. This shows the ability of Quarto to reproduce dynamic Data Analysis reports.