

ReadMe

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Glossery:

This was built as part of a deliverable for the course Developing Data Products as part of the Coursera Data Science Specialization. - The app demonstrates the 'Race time prediction' algorithm developed by Peter Riegel. An algorithm which predicts running times based on races over different distances. - There are more algorithms available (for example the VO2 max prediction/Cameron formula/Purdy formula). These algorithms are more difficult and do not seem to offer a much better prediction. - The app developed for the first part of the assignment demo is available at: https://kspoorenberg.shinyapps.io/Racetime_prediction_in_running/ - Source code for ui.R and server.R files are available on the GitHub repo: <https://github.com/KoenSpoorenberg/RaceTimePrediction>

How to use the app:

Change one of the parameters in the left pane and press submit. Results will be displayed in the right pane.