# Peer-graded Assignment: Final Project

Even though your assignment is due on Jun 21, 11:59 AM PKT, try to submit it 1 or 2 days early if you can. Submitting early gives you a better chance of getting the peer reviews you need in time.

## Instructions

The goal of this exercise is to create a product to highlight the prediction algorithm that you have built and to provide an interface that can be accessed by others. For this project you must submit:

1. A Shiny app that takes as input a phrase (multiple words) in a text box input and outputs a prediction of the next word.

2. A slide deck consisting of no more than 5 slides created with R Studio Presenter (https://support.rstudio.com/hc/en-us/articles/200486468-Authoring-R-Presentations) pitching your algorithm and app as if you were presenting to your boss or an investor.

Review criteria

**Data Product**

- Does the link lead to a Shiny app with a text input box that is running on shinyapps.io?

- Does the app load to the point where it can accept input?

- When you type a phrase in the input box do you get a prediction of a single word after pressing submit and/or a suitable delay for the model to compute the answer?

- Put five phrases drawn from Twitter or news articles in English leaving out the last word. Did it give a prediction for every one?

**Slide Deck**

- Does the link lead to a 5 slide deck on R Pubs?

- Does the slide deck contain a description of the algorithm used to make the prediction?

- Does the slide deck describe the app, give instructions, and describe how it functions?

- How would you describe the experience of using this app?

- Does the app present a novel approach and/or is particularly well done?

- Would you hire this person for your own data science startup company?