

Read me for Proofreader 1.0

Scope and Why:

It is used for Word document only.

Spell Checker comes with the Word efficiently takes care of the individual misspelled word. Proofreader is for grammatical errors and nonsensical combination of words. These are frequently encountered in the setting of voice recognition and some errors could be persistent and recalcitrant to training.

Examples may include "The findings may suggest....", "**Adenoma** in situ (should be Melanoma in situ)", "Clinical **inflammation** (should be "Clinical information)", " **truck** eruption(should be "drug eruption)", etc..

Part 1. Getting the program

Step 1

got to <https://github.com/ije56/datasciencecoursera>

Step 2

Click on "proofreader1.exe"

Step 3

Click "View Raw"

Then you will be able to download the Proofreader1.exe file to your computer

Part 2. Using the program

When you use the program the first time, you may get some security warning, ignore that. It is safe to use.

Also, you will be asked to read the "Terms and Conditions". Basically it says that use at your own risk and the program is for demonstration purpose. I built the program by using the free version (Express version) of Microsoft Visual Studio 2015; demonstration is one of the usages allowable by Microsoft; therefore, I put in the Terms and Conditions accordingly.

You need to teach your program before it can actually work for you. Example of teaching:

If your document has the combination of "adenoma in situ", highlight it, click "Learn correction/warning" button, a larger box will pop up, showing the wrong text that you have highlighted. You need to enter the correct text in the second box, then click enter. This serves two purposes, correcting the wrong text in your document and teaching Proofreader to make the automatic correction next time it sees the same combination of text.

If the wrong text and the correct text are identical, Proofreader uses it as a mechanism to alert you to the potential errors, not for making corrections.

Proofreading:

Click the “Proofread”, if there are mistakes in the document. They will be corrected.

The more you teach, the smarter the program is.

Experiment with it. Have fun.

Jay Ye, May 2, 2016, Bangor, Maine

Here is what the program’s main window looks like when it is running. Experiment with it. I hope that it is somewhat intuitive. Feedbacks on good features are appreciated; feedbacks on deficiencies and/or ideas for improvement are doubly appreciated. Have fun!

