

Task description

Peer Learning with Programing

We are studying how data can be transferred from peer to peer. In this experiment, we will ask you to solve programming tasks. The purpose of the experiment is to find a great digital source to share with novice or fewer experienced programmers to support solving programming questions. To do so we want to use a Google Chrome Extension called: TrackThinkVSCode, which is a search and coding behavior logger. We will use this data to see how programmers solve a certain task.

We will present 3 results of text mining in a text and ask you to reproduce these results. You are going to do it in the R language. The text mining is going to be done on a script it will be given to you in a [drawdown.txt](#). From this corpus, we ask you to create different wordcloud in the R language.

To code in R language, we recommend installing VSCode.

To do that please follow this link: <https://code.visualstudio.com/download> .

Please choose the free option and the version of your OS.

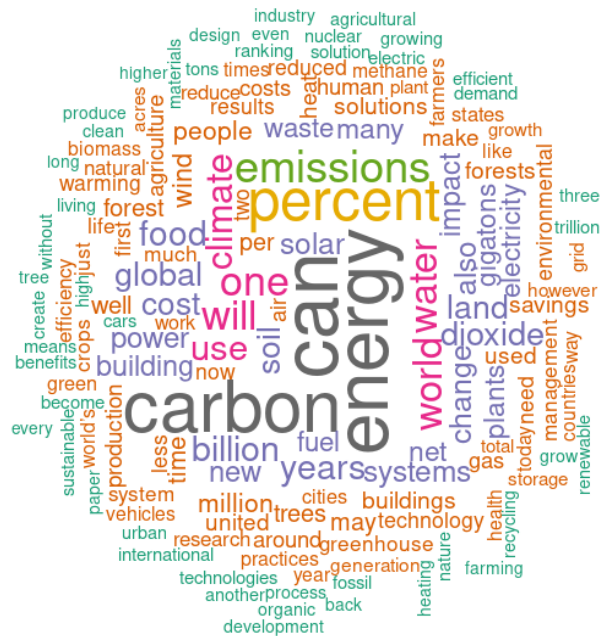
Many solutions can be possible to recreate the results. We'll ask you to finish the exercises.

To start the experiment you need to install the google extension called ThinkTrack, to do so, please follow the instructions from this link: [TrackThink | Manual](#). Please be sure to start logging after you install the app and stop logging in after finishing the experiment. To do so, please click on the extension button on the top right of your computer, then click on the three dots next to ThinkTrack and finally to the management of the extension, then disable the extension. If you have a problem with that part, feel free to ask us for some help.

Before going further to the answer questions, **[please answer this pre-survey](#)**.

<https://forms.gle/uMuNmgdRRD9xzmcC9>

1. From this corpus create the wordcloud like the example below :



2. Create a wordcloud from the corpus without the words:

can, energy, carbon, percent, emissions, one, will, word, water

3. Create a wordcloud from this corpus in a star shape.



Once you finish coding please answer this post-survey.

<https://forms.gle/tT2QtHk1J13kJPSy8>