

# Mathematica project

You are expected to load two data sets, do an operation on them and make a visualization.

- Step 1: Choose your favourite data set from the Wolfram Data Repository and load it into a Mathematica notebook. Describe it in one or two sentences.

<https://datarepository.wolframcloud.com/>

- Step 2: Perform 1 operation on this data. You can find inspiration in the notebooks from class or in the Mathematica documentation:

<https://reference.wolfram.com/language/>

- Step 3: Make 1 visualization of this data. You can find inspiration in the notebooks from class or in the Mathematica documentation above.

To complete this project, you have to perform the steps above on 2 different data sets. Please make sure that you explain every line of code. You can do this with text or using comments. This way, I know that you understand the code. This can grant you 1 full and free bonus point on the exam.

This is an individual project, but you are free and even encouraged to discuss your code with your colleagues.

To let me know what data sets you want to use, there is a file 'Data sets - Mathematica project' on 'Collaborations' or 'Samenwerkingen' on Canvas.

Deadline is **Thursday December 16** at midnight. You can send your notebook to [joeri.lenaerts@vub.be](mailto:joeri.lenaerts@vub.be).