

Data Science Survival Skills

Homework 1

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In the first lecture, we reviewed the technical equipment involved in Data Science, and in the exercise, we built a PC.

Now is your time to recapitulate the main elements of a computer!

Note that this exercise is rather simple, so you have more time to focus on the requirements of the exercise. Any submission that does **not meet the requirements** will be **awarded 0 bonus points**.



Task 1:

For this homework assignment, you have to show and label the most important parts of your PC (desktop or laptop).

How? You can search for the datasheet on Google or use the specifications provided by the operating system (use the settings manager) to identify some of the specific parts (e.g. Intel i7-12000).

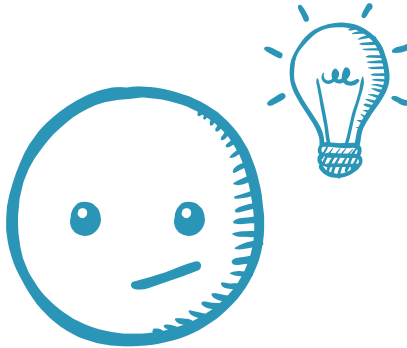


Note: Please do **not** physically disassemble your PC.

Task 2:

Name a CUDA-based research project (e.g. an paper title) that you find interesting and why it is interesting to you. Write 2-3 meaningful sentences.

<https://developer.nvidia.com/cuda-action-research-apps>



Requirements

You must complete **all** homework assignments (**unless otherwise specified**) following these guidelines:

- **One** slide/page.
- **PDF** file format only.
- It has to contain your **name, student (matriculation) number** and **IdM** in the down-left corner.
- Font: **Arial**, Font-size: > **10 Pt**.
- Answer **all** the questions and solve all the tasks requested.
- Be careful with **plagiarism**. Repeated solutions will not be accepted!

Homework 1: Example

Name of this element, example

Name of this element, example



Name of this element, example

Name of this element, example

Name of this element, example

Task 2: Here comes an amazing answer.

And we are done!

Thank you