Submission Guidelines for Jupyter Notebooks in HTML format for the courses of the Faculty of Applied Mathematics and Data Mining

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Jupyter Notebooks are a very flexible format and can be used to embedded code, accompanied by images and markdown text. Since it is very powerful, people tend to misuse this format for plain code execution. This document shall provide some hints on how to work with them properly for the courses within our department.

Hints

- Split up the code into separate cells so that each cell only does a specific task. Putting everything into one cell is to be considered misuse of this format.
- Use Code- and Text-Cells in combination. Each Code-Cell shall be described with text.
- Markdown is a very versatile Markup Language used to render plain text documents, that can include formatting, images, equations, etc. For a resource on how to format Markdown accordingly, be referred to this link.
- Do not leave any unused code cells within your notebook.
- Do not leave any commented code (a minor number of lines are ok) within your notebook.
- Your notebook must be executable from top to bottom without any errors. Never submit any non-working or erroneous code.

Submission Guidelines

Before the submission of a Jupyter Notebook, a few steps have to be considered.

- Reset the Kernel (Tab Kernel → Restart, or ↻ in Toolbar)
- Run all code cells from scratch (Tab Cell → Run All) Here, all code cells shall have a continuing numbering (in the brackets next to the cell, e.g. In [3]: after In [2]:).

The number of executions (number of execution of the last cell) must correspond to the number of code cells.

- Export your Notebook in an HTML format. For the download use Tab File → Download as ▶ → HTML (.html).

⚠ Not following these guidelines is own your own risk. Not following can result in point deduction or not accepting your submission.