|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Weight | 0 | 25 | 50 | 60 | 70 | 80 | 90 | 100 |
| Specification fulfillment and conceptual grounding | 60 | insuffi­cient / extremely poor quality code/text | 50% of the steps are covered.  There are explanatory comments for the larger code chunk which reveal understanding. | 80% of the steps are covered; the model is trained.  Explanatory comments, with marking the choices. | 80% of the steps are covered; models and data preparation are well thought out.  Explanatory comments, with marking the choices and containing reasoning. | 100% of the steps are covered; models and data preparation are well thought out.  Explanatory comments include conclusions. | 100% of the steps are covered; models and data preparation are well thought out; the model is not overfitted.  Critically evaluates her/his own work, including other approaches. | marking criterion fully satisfied; some highly efficient, insightful and/or creative solutions over and above what is expected | marking criterion fully satisfied; especially efficient, insightful and/or creative solutions over and above what is expected |
| Literate programming | 20 | Code is accompanied by comments/text cells in a few places. | Code is accompanied by comments, and markdown cells without formatting or sections are used in critical places. | Code is accompanied by comments, and markdown cells with formatting or sections are used in critical places. | Code is accompanied by comments, and markdown cells with sections and formatting are amply used. | Code is accompanied by comments, and markdown cells with sections and formatting are used amply and in a consistent way. |
| Coding | 20 | Code duplication; unnecessary dead code and comments; ambiguous names. Not in order to execute the cells. | Unnecessary code and comments remain in the code, but the majority of the code is clean. | Hardly any unnecessary / unclean code. | Working code, hardly any unnecessary code; clear names. Notebook top-down executable. | Working code; no unnecessary code and comments; clear names;  concise solutions. Notebook top-down executable. |