AI Report Evaluation and Assessment Form

Part I: Report Review (each examiner separately)

Initial indication of AI report:

Fail – Sufficient – Good – Very Good – Excellent - Exceptional

What would you like to see addressed by the student during the assessment (Make a list of 5 questions)

Part 2: Student Assessment (both examiners jointly)

Part 3: Final grading (both examiners jointly)

RUBRICs

	1-5	6	7	8	9	10
Reporting						
Originality of the report	The report is not new, but a reimplementation of existing work	The report is a variation of existing work, by applying an existing approach to another problem	The report has original elements, as part of a larger existing framework/approach.	The report is new and original. The problem is tackled from a fresh perspective.	The report of high originality and thought-provoking.	The report is daring and high-risk. It provides a novel inside.
Technical skills	Student modifies an existing coding/scripts or model, but errors occur and persist. No validation	Student is able to make minor modifications to an existing coding/scripts or model. Superficial validation or no validation at all	Student is able to make major modifications to an existing coding/scripts or model, based on literature. Validation using some basic measures of quality	Student is able to organize the data, perform commonly used checks and perform some advanced analyses on the data	Student is able to organize the data, perform thorough checks and perform advanced and original analyses on the data	Student is in complete control of the data, with high-level analyses that took the committee by surprise

Data Product evaluation	The student is unable to validate (part of) a Data product.	Student is able to execute an Data product evaluation that has been designed by someone else (without critical assessment of sources of error and uncertainty)	Student is able to execute an Data product evaluation that has been designed by someone else. Takes sources of error and uncertainty into account in a qualitative sense	Student is able to judge the setup of an existing Data product evaluation and to include modifications if needed. Considers sources of error and uncertainty quantitatively	Student is able to setup or modify an data product evaluation tailored to answering novel questions.	Student is able to set up precisely the right Data product evaluations with perfect execution
Knowledge of study domain	The student does not understand all of the subject matter discussed in the AI Report	The student understands the subject matter of the AI report on a textbook level	The student understands the subject matter of the AI report and related report; is capable of incorporating it for the problem at hand	Student is on top of subjects discussed in AI report; is able to add new knowledge to the study domain	Student understands the relevant knowledge in-depth and is able to place the field under a new light	Student understands the relevant knowledge in-depth and is able to make profoundly new insights to the field
Reflection	The student is not capable to reflect on their own work.	The student provides minimal reflections on their own work.	The student is able to reflect on the outcomes of their work, with common lessons learned.	The student is able to reflect on their work, understanding the pros and cons of their work, as well as insights for improvement	The student is able to reflect and learn from their own work in such a way that other reporters in the field can be helped.	The student is in full sync with their work and in harmony with its limitations, resulting in completely new insights as a result.
Use of Literature						
Use of literature and theoretical background	There is some discussion of related work and background, but the description shows serious errors and/or limitations	Relevant background is used, but the description shows occasional errors / literature study is not complete	Relevant background is used, but the description shows minimal errors / literature study is almost complete	Relevant background is used, is nicely synthesized, and is successfully tailored to the report at hand / Literature is complete (optionally: overcomplete at points)	Clear, complete, and relevant background / Literature complete	Clear, complete, and relevant background, perfectly tailored for the problem at hand / Literature complete

Report organization	Main structure incorrect in some places, and placement of material in different sections illogical in many places. Level of detail varies widely (information missing, or irrelevant information given)	Main structure is correct, but sections are not logical in places. Some sections have overlapping functions leading to ambiguity in placement of information. Level of detail varies widely (information missing, or irrelevant information given).	Main structure mostly correct, only placement of material in different parts illogical in certain places	Parts have a clear and unique function. Hierarchy of Subsections is correct. Ordering of sections is mostly logical. All information occurs at the correct place, with few exceptions. In most places level of detail is appropriate	Well-structured: each section has a clear and unique function. Hierarchy of sections is correct. Ordering of sections is logical. All information occurs at the correct place. Level of detail is appropriate throughout	Perfect structure and balance to the AI report. No section is too long or short. All sections are in harmony
Writing	Text is poorly written, many details lacking, lacking insights, and poor presentation of method/experiments	Text is decently written, but with some errors and typos. Method and experiment parts not always in logical order. Insights are minimal	Text is clearly written and visualized, with minor issues. Method and experiments explained with appropriate visualizations and supplemented with standard analyses.	Text is well written with only few mistakes. Clear explanation of method and clear structuring of experiments with great visualizations. Interesting lessons learned from the paper.	Text is well written with practically no errors. Clear explanation of method. Detailed and thought-provoking experiments and insights. Clear on first sight, visually pleasing, with novel analyses that further enhance the AI Report.	Text is perfectly written with no errors. Method and experiments flawlessly written with great balance and visualizations. The analyses provide new insights to both the AI report and its larger subfield.
Attitude						
Independence	The student can only perform the project properly after instructions and with help from the supervisor	The supervisor is the main responsible for setting out the tasks, but the student is able to perform them mostly independently	Student selects and plans the tasks together with the supervisor and performs these tasks on their own	The student is able to adopt new skills mostly independently, and asks for assistance from the supervisor if needed	The student has knowledge and insight on a scientific level, i.e. the student explores solutions on their own, increasing their skills and knowledge where neccesary	The student actually did not need any assistance. Completely aware of the problem and the AI report