

DECLARATION OF USE OF GENERATIVE IA IN THE MASTER FINAL PROJECT

I have used Generative AI in this work

Check all that apply:

YES	NO
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If you have ticked YES, please complete the following 3 parts of this document:

Part 1: Reflection on ethical and responsible behaviour

Please be aware that the use of Generative AI carries some risks and may generate a series of consequences that affect the moral integrity of your performance with it. Therefore, we ask you to answer the following questions honestly (*please tick all that apply*):

Question		
In my interaction with Generative AI tools, I have submitted sensitive data with the consent of the data subjects.		
YES, I have used this data with permission	NO, I have used this data without authorisation	NO, I have not used sensitive data
In my interaction with Generative AI tools, I have submitted copyrighted materials with the permission of those concerned.		
YES, I have used these materials with permission	NO, I have used these materials without permission	NO, I have not used protected materials
In my interaction with Generative AI tools, I have submitted personal data with the consent of the data subjects.		
YES, I have used this data with permission	NO, I have used this data without authorisation	NO, I have not used personal data

My use of the Generative AI tool has **respected its terms of use**, as well as the essential ethical principles, not being maliciously oriented to obtain an inappropriate result for the work presented, that is to say, one that produces an impression or knowledge contrary to the reality of the results obtained, that supplants my own work or that could harm people.

YES

NO

If you **did NOT** have the permission of those concerned in any of questions 1, 2 or 3, briefly explain why (e.g. *"the materials were protected but permitted use for this purpose"* or *"the terms of use, which can be found at this address (...), prevent the use I have made, but it was essential given the nature of the work"*).

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Part 2: Declaration of technical use

Use the following model statement as many times as necessary, in order to reflect all types of iteration you have had with Generative AI tools. Include one example for each type of use where indicated: *[Add an example]*.

I declare that I have made use of the Generative AI system (Name of AI system/tool and version: ChatGPT, Gemini, Copilot...) **for:**

Documentation and drafting:

- *Supporting reflection in relation to the development of the work: iterative process of analysing alternatives and approaches using AI*

- Use for overview of the literature landscape/state of the art using Perplexity Research

- *Revision or rewriting of previously drafted paragraphs*

-/-

- *Search for information or answers to specific questions*

- Interactive learning of new theory related to Thesis (extended explanation of Neural Networks and Constraint learning)
- Generated first draft of bib.tex sources when bib tex source not provided

- *Bibliography search*
- *Summary of bibliography consulted*
- *Translation of texts consulted*

Develop specific content

Generative AI has been used as a support tool for the development of the specific content of the dissertation (MFP), including:

- *Assistance in the development of lines of code (programming)*

- Help in understanding existing source code
- Increase velocity in coding, use Copilots to set up first variant of code and then modify manually to get expected result

- *Generation of diagrams, images, audios or videos*

-/-

- *Optimisation processes*

- Bugfixing

- *Data processing: collection, analysis, cross-checking of data...*

-/-

- *Inspiration of ideas in the creative process*

- For iterating over possible approaches with pros and cons using ChatGPT but only briefly as ChatGPT was not performing well on advanced topics

- *Other uses linked to the generation of specific points of the specific development of the work*

If you think it is necessary to include it, add it in each case:

using the prompt ...

(write the request made to the IAG)

having as interaction ...

(describe what interaction you made with the IAG after the prompt's response)

Example: ***I declare that I have made use of the Generative AI system Chat GPT 3.5 to search for information using the prompt: "Tell me a concrete example that illustrates the application of the urban planning proposal of the 15-minute City in Spain", having as interaction the proposition of the concrete example of the Chamartín district that has been reflected in the report.***

Part 3: Reflection on utility

Please provide a personal assessment (free format) of the strengths and weaknesses you have identified in the use of Generative AI tools in the development of your work. Mention if it has helped you in the learning process, or in the development or drawing conclusions from your work.

Gen AI has fundamentally changed the coding experience and increase the velocity in understanding and writing code significantly. In that context, it delivers a lot of value specifically when it comes to spotting small mistakes in large code bases. Beyond that, the interactive learning experience feels very valuable, giving the ability to ask questions about certain subject matters and theoretical concepts. When it comes to problem solving in real world scenarios, it feels limited as soon as moving beyond simple straight forward problems/solutions, which made it less usefull for my application of a fairly novel method.