

Projects sessions

Hypothesis formulation and method

Use the knowledge you have to try to answer the question. Ask “why” you come to this answer to identify important parameters on which the answer depends. Use these parameters to design a method to test your hypothesis.

Implementation of method and first results

While doing the implementation, prepare to answer the questions for workshop 1.

Workshop 1: method and first results

In the presentation and subsequent discussion, the following questions are addressed:

- Why did you come to this hypothesis (identification of parameters on which the result depends)?
- Why did you design the method as you did?
- In which way does the choice of method impact the results?
- How could the method be improved?
- Are the preliminary results realistic?
- Do the preliminary results agree with the hypothesis? If not, why not?

Design of sensitivity analysis and scenarios

To which extent can your results be generalized? Formulate tests to investigate under which conditions your results are valid. Use your knowledge about which parameters that are important for your results to identify relevant tests. Test different contexts/scenarios to your investigated system to say in which contexts your conclusions are valid. If your context is very limited or is very unrealistic the results will be uninteresting.

Implementation of sensitivity analysis

While doing the implementation, prepare to answer the questions for workshop 2.

Workshop 2: final results

In the presentation and subsequent discussion, the following questions are addressed:

- An answer to the question.
- Which assumptions that impact the result and how results change with different assumptions.
- A definition of the context and conditions for which the answer is valid.
- A reflection on how the choice of method impact the results.
- A discussion on if the results are relevant.