Master programme Data Science

Guideline Master's Thesis

The completion of the Data Science programme requires a Master's thesis. The most important issue is the question of the topic and the supervisor.

Where do I find a topic?

The topic of your Master's should be related to any of the courses in your master programme.

Who can supervise my Master's thesis?

First, we recommend contacting supervisors of classes/areas that you have already been in touch with, e.g. from your mandatory courses, data science project or research seminar. The second alternative is to contact Board members of the Research Network Data Science for potential supervision (https://datascience.univie.ac.at/about-us).
If you are considering a supervisor from another institution, they can be co-supervisor. In principle, the main supervisor must be an instructor from the University of Vienna. If the main supervisor is not a Board member of the Research Network Data Science, then the SPL (Directorate of Studies) will consult the Data Science Coordinator of the respective programme to get approval for topic and supervision.

Formal requirements

When you have agreed with your supervisor on a potential topic, you need to register your topic formally with the SSC. They will also check if you have finished all the required modules. More details on the formal requirements also for writing and submitting the thesis can be found on https://informatik.univie.ac.at/en/study/support-for-students/wegweiser-masterstudium/anmeldung-masterarbeit-themenfindung (German only, we recommend using deepl.com).

Although written for Bachelor students, you might also consider these guidelines for Bachelor's thesis: https://informatik.univie.ac.at/en/study/support-for-students/bachelor-thesis-guidelines/. In addition to a common structure, there are also links for latex/word/overleaf templates.

Once you are done with the registration of the Master's thesis, please register for the Master Seminar to discuss and present your topic. We recommend visiting the Master Seminar organised/related to your supervisor, who will inform you about the appropriate Master Seminar.