

Code Submission Instructions - Python

1 Template Repository

- Make sure the code is structured according to the [template repository](#)
- Rename the "template_repo" package name and folder to your corresponding repository name
- The repository should include scripts for training the model, appropriate config files and a function for prediction by loading the model

2 Code Formatting

All python files should be restricted to a maximum line length of 88 for readability using [black](#).

- **Docstring:** Each function and module should have a docstring formatted according to google style guide with detailed description of each argument and return types
- **Comments:** Code should be well commented (ideally each line)
- **Type checking:** Each argument should be type hinted and type checking should be done with [mypy](#)
- **Linting:** Code linting can be done using [flake8](#) or [ruff](#) to make sure the imports are sorted and there are no errors in the code

3 Huggingface

- Create an account in [huggingface](#)
- Join the [Biosystems Engineering and Control Group](#)
- Upload models and dataset with an appropriate model card
- **Optional:** Create a huggingface space (interactive ML demo) for your models