Source: https://www.rmit.edu.au/study-with-us/biomedical-sciences

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ISMB 2022 - Tutorial Session

Federated Learning in Biomedicine

Set-up Instructions

1. Install Python >= 3.8
   - https://www.python.org/downloads/
   - We recommend setting up a virtual environment for this project:
     - anaconda/miniconda: https://www.anaconda.com or
     - venv https://docs.python.org/3/library/venv.html
2. Install Docker
   - https://www.docker.com/get-started/
3. Clone the GitHub repository
   - https://github.com/FeatureCloud/ismb-tutorial-2022
4. Install the requirements
   - `pip install -r requirements.txt`
   - Make sure that Pytorch was installed properly
5. Run Docker
6. Run the FeatureCloud controller via `sh run_featurecloud.sh`'
   - The first run might take some time to download dependencies
7. Terminate the FeatureCloud controller via `sh end_featurescloud.sh`