Project partial deliverable 1 (GP)

- **Fit a GP to the project dataset**, including the **hyperparameter tuning** phase.
- Discuss the bloat, overfitting, and premature convergence on the algorithm.
- Include your own insights and summary conclusions.
- Remind that you may choose either a Monte Carlo (random) split or nested cross-validation for hyperparameter tuning and model evaluation. In either case, **clearly justify your choice**.
- At the end of the course, you will need to compare the GP results to the other algorithms. Therefore, no matter which dataset partition strategy you choose, remind that the **same partitions** should be use across all the algorithms to be studied.
- **Tip**: Organize your code to allow for reproducible dataset partitioning. This will make comparisons easier later on.

Main deliverable

A **plug-and-play running Jupyter Notebook**. You may use external Python scripts via **import** - but if you do so, submit all required files together in a single **.zip archive**.

Delivery time: May 18th for P1 and P2. Note that, exceptionally, this first partial delivery has a longer period than usual.
Remind that late submissions will not be accepted.