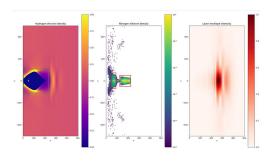
DATACAMP

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Objectives

Proper validation is the root for fast progress in data science

Put basic machine learning analysis knowledge to test by:

- Solving practical data science problems in scientific or industrial applications
- Designing and evaluating data science workflows

In the process, we also teach about:

- Practical tool boxes for various problems (missing data/unbalance/ ...)
- Technical tools to improve your workflow (parallelism/debugging/ ...)
- How to use proper tools to share code (git/github/formatting/...)
- Tools to test your code and build some documentation

Evaluation

- 50% of the grade comes from participation in the **data challenges** (Mostly based on performance on leaderboard) <u>Individual</u> part
- 50% comes from a team project where students build a new data challenge (Teams of 6 students) – Group part

 Plus three assignments during the week, evaluated through automated github evaluation.

A practical class

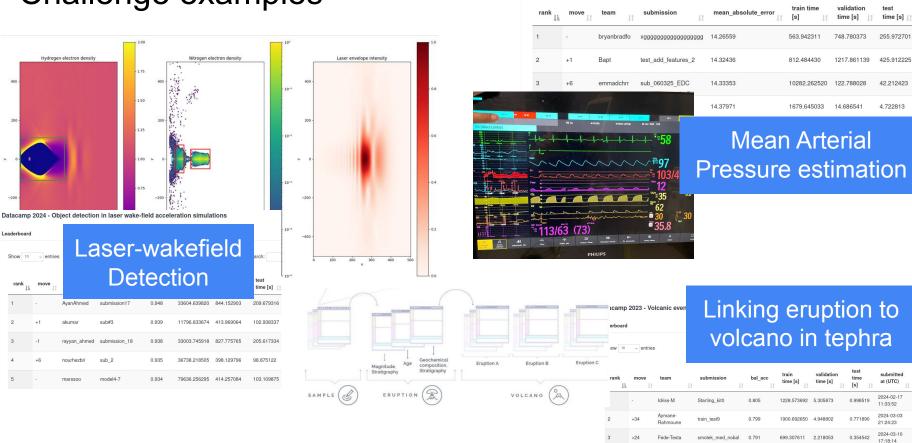


Based on:

- Notebooks
- Practical sessions
- Challenges



Challenge examples



Datacamp 2024 - Non-invasive estimation of the MAP using PPG

Search:

Leaderboard











Announcement

Welcome to Codabench! New here? Check out our getting started guide to begin your journey with ease!

Join the Google group to connect with the community!

We provide a default CPU queue for small jobs (typically for result submission competitions). For code submission, organizers are expected to provide their own queue, see instructions. The execution time is currently capped at 20 minutes on the default public queue.

Popular Benchmarks



Bridging the Gap in Text-Based Emotion Detection - SemEval 2025 Task 11 - Track A

Participants will predict the perceived emotion(s) present in a given text.

Organized by: abumafrim

Recent Benchmarks



Unsupervised Anomaly Detection on Electricity Consumption

August 19, 2025

https://www.codabench.org/