

Machine Learning Labs

Algorithmic Machine Learning Course

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build passing

Source: <https://github.com/DistributedSystemsGroup/Algorithmic-Machine-Learning/>

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The goal of this course is mainly to offer data science projects to students to gain hands-on experience. It nicely merges the theoretical concepts students can learn in our courses on machine learning and statistical inference, and systems concepts taught in distributed systems.

Notebooks require to address several challenges, that can be roughly classified in:

- Data preparation and cleaning
 - Building descriptive statistics of the data
 - Working on a selected algorithm, e.g., for building a statistical model, for running parallel Monte Carlo simulations and so on...
 - Working on experimental validation
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