



# UNIVERSITETET I OSLO

## **Project 1: Linear regression methods, regularization, resampling**

Applied Data Analysis and Machine Learning  
UiO (FYS-STK4155)

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**GitHub link to the project repository:**

[https://github.com/p-perrone/UiO\\_MachineLearning/tree/main/ml\\_project1](https://github.com/p-perrone/UiO_MachineLearning/tree/main/ml_project1)

**Link to DeepSeek chat:**

<https://chat.deepseek.com/share/h2ifare1m1c31ud8vf>

**Abstract**

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## 1 Introduction