Machine Learning for Life Sciences

Short course

A national course open to PhD students, researchers, and other staff from Swedish universities and the life science industry who want to deepen their skills in biostatistics and machine learning for biological research.

June, 09th - 13th, 2025

Biomedicinskt centrum, Husargatan 3, Uppsala

https://nbisweden.github.io/ML4Life/

Apply by May, 2nd

Covering

Dimensionality reduction beyond PCA. Classification algorithms. Ensemble techniques. Machine learning optimization strategies. PLS-based methods for single and multi-omics data analysis. Mixed-effect models for repeated measures, longitudinal studies and nested designs. Survival analysis. Introduction to neural networks.