UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Bioinformatics and Biostatistics for Big Data – Winter School II

2526-1002-07

Title

Bioinformatics and Biostatistics for Big Data – Winter School II

Teacher(s)

Introduction to machine learning – 2h Daniela Besozzi
Unsupervised learning – 4h Daniela Besozzi
Supervised learning – 6h Daniele Papetti
Interpretable and explainable artificial intelligence – 4h Marco S. Nobile
Bayesian and causal networks - 4h Fabio Stella

Language

English

Short description

To understand the different applications of bioinformatics on big data in medical research.

CFU / Hours

3 / 24

Teaching period

November 13th 9.00-13.00 Daniela Besozzi - IN PRESENCE
November 13th 14.00-18.00 Marco Nobile - IN PRESENCE
November 14th 9.00-11.00 Daniela Besozzi - IN PRESENCE
November 14th 11.00-13.00 Daniele Papetti - IN PRESENCE
November 14th 14.00-18.00 Daniele Papetti - IN PRESENCE
November 15th 9.00-13.00 Fabio Stella - IN PRESENCE

COURSE EVALUATION (GROUP ASSIGNMENT): November 29th 9.00-13.00

Sustainable Development Goals