



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Metodi per la Data Science M

2627-2-F8206B022

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#### Learning objectives

Data Science methods M is composed by two modules

##### Machine Learning M

The course aims at learning the most effective Machine Learning (ML) techniques, understanding the theoretical foundations of each technique and acquiring the know-how to successfully apply them to solving practical problems.

For more details, please see: <https://elearning.unimib.it/course/view.php?id=68798>

##### Statistical Learning M

The course aims to acquire the main techniques of Statistical Learning (SL) and their implementation in the R programming environment. During the course, emphasis will be placed on the algorithmic modelling culture, while also paying attention to the estimation of uncertainty in predictions.

For more details, please see: <https://elearning.unimib.it/enrol/index.php?id=68781>

Both courses contribute to the achievement of the learning objectives in the subject area of the MSc: "Statistics".

#### Contents

##### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

##### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## Detailed program

### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## Prerequisites

### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## Teaching methods

### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## Assessment methods

### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## Textbooks and Reading Materials

### Machine Learning M

<https://elearning.unimib.it/course/view.php?id=68798>

### Statistical Learning M

<https://elearning.unimib.it/enrol/index.php?id=68781>

## **Semester**

### **Machine Learning M**

<https://elearning.unimib.it/course/view.php?id=68798>

### **Statistical Learning M**

<https://elearning.unimib.it/enrol/index.php?id=68781>

## **Teaching language**

### **Machine Learning M**

<https://elearning.unimib.it/course/view.php?id=68798>

### **Statistical Learning M**

<https://elearning.unimib.it/enrol/index.php?id=68781>

## **Sustainable Development Goals**

QUALITY EDUCATION

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