

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **COURSE SYLLABUS**

## **Data Science M**

2425-2-F8204B018

### Learning objectives

Data Science M is composed by two modules

#### **Data Mining M**

The course aims to provide data analysis and data mining tecniques and to improve predictive modelling skills by using the R software environment for statistical computing.

For more details, please see: https://elearning.unimib.it/course/info.php?id=55081

#### 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/course/info.php?id=55091

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

#### **Contents**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

Statistical Learning M https://elearning.unimib.it/course/info.php?id=55091

## **Detailed program**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

Statistical Learning M https://elearning.unimib.it/course/info.php?id=55091

# **Prerequisites**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

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## **Teaching methods**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

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#### **Assessment methods**

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# **Textbooks and Reading Materials**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

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### Semester

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

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# **Teaching language**

Data Mining M https://elearning.unimib.it/course/info.php?id=55081

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# **Sustainable Development Goals**

**QUALITY EDUCATION**