



# Universidade de Évora

## Open call rules

Applications for Admission: Curso de formação em Ciência de Dados: Etapas e Visualização de Dados (Data Science: Stages and Data Visualization)  
Academic Year 2024/2025

### 1. The program is promoted by

Universidade de Évora - Escola de Ciências e Tecnologia

### 2. Coordenador(a)

João Pedro Lebre Magalhães Pereira (joao.pedro.pereira@uevora.pt)

### 3. Program description

Introduction to Data Science Course, offered as part of the "Digital Sul + Ilhas" project, supported by the "Recovery and Resilience Plan (PRR)", aiming to enhance digital skills.

### 4. Objectives

This course provides an overview of the essential stages in a Data Science project, as well as in the development of data visualizations.

By the end of this course, students should be able to:

1. Explain the main stages and common challenges in Data Science projects.
2. Apply (Python) libraries for the cleaning, transformation, and efficient analysis of real-world data.
3. Recognize best practices in data visualization.
4. Develop effective charts and visual representations.
5. Formulate and answer exploratory questions based on data visualizations.

### 5. General conditions of access and admission

#### i General conditions

Be over 18 years old and resident permit. If you do not have Portuguese nationality, you must have a residence permit and tax payer number .

## ii **Specific admission conditions**

Enrollment in a Non-STEAM bachelor's program or, alternatively, a bachelor's degree in a Non-STEAM field.

It is mandatory to attach a document proving enrollment in a Non-STEAM bachelor's program or, alternatively, the certificate of a Non-STEAM bachelor's degree.

Only those who have previously expressed their interest in attending the course on the website <https://digitalsulmaisilhas.uevora.pt/> before applying on SIIUE will be admitted.

## iii **Required academic qualifications** Secondary education (12th year of complete education) or equivalent

## iv **Necessary documentation**

- a) identification document;
- b) document(s) proving the qualifications required in the Announcement for access to the course;
- c) proof of residence permit, in the case of foreign students;
- d) document with tax identification number, in the case of foreign students;

## **6. Selection Process**

Date of application submission.

## **7. Maximum number of admissions**

- Maximum number of admissions: 200

## **8. Minimum number of students**

Minimum number of students: 20

## **9. Tuition fee**

- Tuition fee: 0,00 €

## **10. ECTS**

- Number of ECTS of the program: 1

## **11. Horas de Contacto**

- Total de horas de contacto: 7

## **12. Learning Type**

e-Learning

### **13. Schedule type**

Mixed

### **14. Classes schedule (week days and schedule)**

Synchronous sessions: April 22nd and 24th, both at 6 PM (Zoom).  
The remaining sessions are asynchronous, available on the Moodle platform.

### **15. Program Dates**

- Program Start Date: April 22, 2025
- Program End Date: May 6, 2025

### **16. Application Dates**

- Applications Start Date: April 4, 2025
- Applications End Date: April 10, 2025
- Announcement of Results (until): April 16, 2025
- Enrollments Start Date: April 16, 2025
- Enrollments End Date: April 21, 2025

April 4, 2025

The Rector

Hermínia Vasconcelos Vilar