

BIG DATA



2025-2026

Contents theoretical

1. Theoretical concepts of Big Data
2. Distributed and parallel Programming
3. Applications



Contents practical

Directly related to the theoretical content, such that practical exercises based on the theory covered in each block will be carried out on a weekly basis.

Four Individual Assignments (Weeks: 6, 8, 10, 12)

Three stages for the practical work (Weeks: 5, 8, 14)



Evaluation

EVALUATION SYSTEM

(FE1) Class participation and attendance

(FE2) Class exercises

(FE3) Work assignments

CONTINUOUS ASSESSMENT

Requirements:

Attend classes regularly

Delivery within the established deadlines and completion of the assignments

Final grade: $(FE1).(10\%)+(FE2).(50\%)+(FE3).(40\%)$



Evaluation

EVALUATION SYSTEM

(FE1) Class participation and attendance

(FE2) Class exercises

(FE3) Work assignments

NON-CONTINUOUS ASSESSMENT

Final grade: $(FE2).(60\%)+(FE3).(40\%)$



Tutorial plan

Individual and group support, in-person or online

- During office hours and/or by arranging a date and time in advance



Teaching team

José Juan Hernández Cabrera

- Departamento de Informática y Sistemas
- E-mail address: josejuan.hernandez@ulpgc.es

José Évora Gómez

- Departamento de Informática y Sistemas
- E-mail address: jose.evora@ulpgc.es

Marilola Afonso Suárez

- Departamento de Informática y Sistemas
- E-mail address: marilola.afonso@ulpgc.es



