

## [ONLINE] PATC: Introduction to Big Data Analytics

### Objectives

The course brings together key information technologies used in manipulating, storing, and analysing data including:

- the basic tools for statistical analysis,
- techniques for parallel processing,
- tools for access to unstructured data,
- storage solutions.

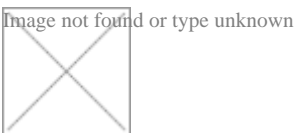
### Requirements

Please download and carefully read the following [instructions](#) regarding the logistics participants enrolling online PATC at BSC are expected to follow.

### Learning Outcomes

Students will be introduced to systems that can accept, store, and analyse large volumes of unstructured data. The learned skills can be used in data intensive application areas.

#### [Academic Staff](#)

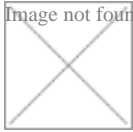


**Course Convener: Maria-Ribera Sancho**

**Course Lecturers: Josep Lluís Berral (BSC), Jordi Torres (BSC), Oscar Romero (UPC), David Carrera (BSC), Alberto Abello (UPC) and Petar Jovanovic (UPC).**

## Materials

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**The relevant materials will be made available to the participants during the course.**

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## Further information

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**All PATC Courses at BSC do not charge fees.**

**CONTACT US** for further details about MSc, PhD, Post Doc studies, exchanges and collaboration in education and training with BSC.

For further details about Postgraduate Studies in UPC - Barcelona School of Informatics (FiB), visit the [website](#).

**Sponsors:** BSC and PRACE 5IP project are funding the PATC @ BSC training events.

If you want to learn more about PRACE Project, visit the [website](#).

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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