

# Data Platforms and Artificial Intelligence

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## Challenges and Applications

# whoami

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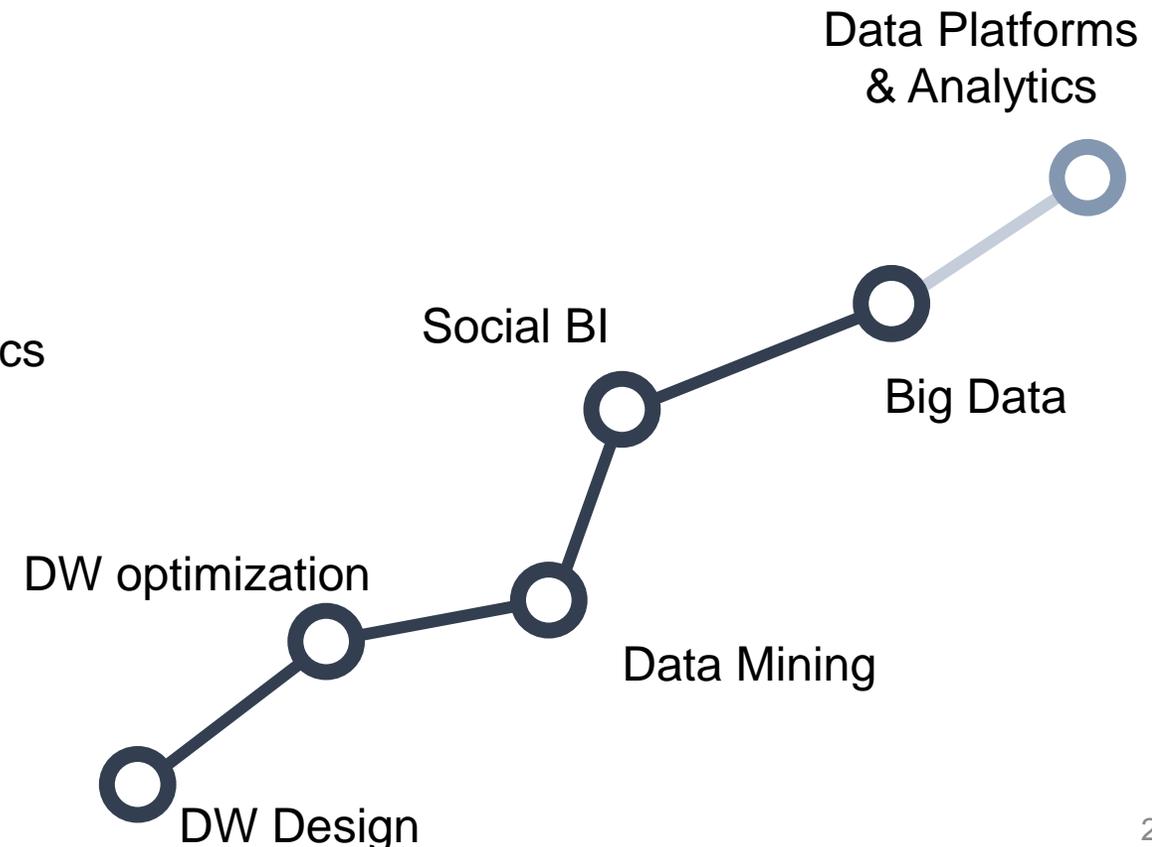
- Email: [m.francia@unibo.it](mailto:m.francia@unibo.it)
- Assistant professor (junior) @ DISI --- UniBO
- Teacher of “Big Data and Cloud Platforms”

## Research topics

- Big data / database / business intelligence
- Precision agriculture and spatio-temporal analytics

## BIG (Business Intelligence Group)

- <https://big.csr.unibo.it/>
- Thanks to E. Gallinucci and M. Golfarelli



# Program

## Lecture 1: Introduction to Big Data

- Thu 2023-06-15, 3.5h (room 2.13)

## Lecture 2: Data Platforms and Polyglot Persistence

- Thu 2023-06-22, 3.5h (room 2.13)

## Lecture 3: Smart Management of Data Platforms

- Thu 2023-06-29, 3h (room 2.13)

# “Exam”

To get CFUs, write and send me a short essay (about 5-10 pages long)

- Deepen at least one of the covered topics
- Discuss relationships between your research interests and the topics presented in the course

Or... submit a paper!

We have an open special issue on this topic

- [Data Platform Management, Orchestration, and Optimization](#)
- Journal: Information Systems Frontiers, IF 5.261 (2021)
- Closes July 15, 2023

Plus, we've had 2 workshops: DataPlat 2022/2023 @ EDBT

- <https://big-unibo.github.io/dataplat2023/>
- In September we will issue a new request for DataPlat 2024, stay tuned

We are open to collaborations :)