



Visiting Professor Program Academic Year 2023/2024

TEACHING COMMITMENT: 12 hours

COURSE TITLE

Introduction to Data Journalism

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Data analysis

LANGUAGE USED TO TEACH

Italian, English

COURSE SUMMARY

Data journalism is a data-driven form of journalism. Data are sources of information that can be gathered and analyzed using statistical methods and socio-economic models. Data should then be presented in an informative and engaging way, also using infographics, and tell a story.

The laboratory is framed as follows.

1. WHAT IS DATA JOURNALISM. Introduction to data journalism; basic elements of journalism; history and development of data journalism; skills needed for the job and the lab.
2. DATA. Looking for the data; initial checks on the databases; replication and sources.
3. ANALYSIS. Raw data; levels of the analysis and methods.
4. CRAFTING AN ARTICLE. Choice of the results to present; storytelling using graphic tools, words; roadmap to follow.
- V. EDITORIAL OFFICE. Proposal, discussion, and topic assignment.

LEARNING OBJECTIVES

Upon completion, students should develop knowledge and understanding enabling them to craft an article for the general public using data to tell the story.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

VISITING PROFESSOR PROFILE

The course (laboratory) can be taught by various figures. A data journalist, who uses numerical data, digital information, online analytics with the aim of discovering and telling narratives and stories, also by means of infographics and data visualization tools. A data analyst, able to demonstrate how technology and software programs can be employed to generate analytical information and complement journalists' investigations, but also to deepen the understanding of a topic and communicate results. An economist with expertise in data analysis, believing that economics as a discipline might be of help in understanding history and today's world also by means of data, which can be a powerful force shaping public opinion and decision-making.

CONTACT REFERENT

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