

Data Science and Artificial Intelligence



Data has changed the way we live our lives, earn our livelihoods, communicate, and make decisions. Data Science & AI will have a pervasive impact on society in all its dimensions. Not only technologically but also in its legal, ethical, and democratic aspects. The progress in technology in these fields, driven by data science and recent advances in AI (e.g., evidence- and population-based diagnostic tools in medicine), will have to be encapsulated in new legal practices (e.g., medical responsibility and liability), will create new ethical challenges (induced by technological progress) and will require new mechanisms for governance and democracy (e.g., to avoid decision making bias induced by scientific and technological illiteracy).

The Una Europa universities will continue and reinforce their world leadership in data science, informatics, and AI research and innovation. Through the alliance, world-leading research and innovation opportunities will be brought together and amplified. This will also result in even higher standards for researcher training and research-driven education in these fields. As European universities committed to research and the advancement of knowledge, we need to join forces, to ensure that all Europeans are part of the digital transformation, that adequate resources are devoted to AI and that the European Union's fundamental values and fundamental rights are at the forefront of the AI landscape. The Data Science and Artificial Intelligence theme will crosscut our research, teaching and learning portfolio and inform our other themes: Cultural Heritage, Sustainability, and Europe and the World.