

Course Package 9 (Helmholtz AI): Introduction to eXplainable AI

Friday 22 September 2023 13:30 (4 hours)

During this course participants will get an introduction to the topic of Explainable AI (XAI). The goal of the course is to help participants understand how XAI methods can help uncover biases in the data or provide interesting insights. After a general introduction to XAI, the course goes deeper into state-of-the-art model agnostic interpretation techniques as well as a practical session covering these techniques. Finally, we will focus on two model specific post-hoc interpretation methods, with hands-on training covering interpretation of random forests and neural networks with imaging data to learn about strengths and weaknesses of these standard methods used in the field.

Presenters: CEA, Donatella; GEORGII, Elisabeth (Helmholtz Zentrum München); KOFLER, Florian (HAI); CAMPI, Francesco; SUBRAMANIAN, Harshavardhan; PELIN, Helena; BARROS DE ANDRADE E SOUSA, Lisa (Helmholtz AI); VALIZADEH, Mahyar (Helmholtz AI consultancy health unit); BENASSOU, Sabrina; WILLEM, Theresa

Session Classification: Course Package 9 (Helmholtz AI)