

SESSIONS (PRACTICAL PART)	TOPICS
SESSION 1 (2h) - Recorded	<ul style="list-style-type: none"> • Introduction • Linear regression models
SESSION 2 (1h) - Recorded	<ul style="list-style-type: none"> • Logistic regression models
SESSION 3 (2h) - Recorded	<ul style="list-style-type: none"> • Model selection
SESSION 4 (2h) - Recorded	<ul style="list-style-type: none"> • Neural network and tree models
SESSION 5 (2h) - Recorded	<ul style="list-style-type: none"> • Python Practice 1 • Statistical and Machine Learning Models
SESSION 6 (2.5h) - Live	<ul style="list-style-type: none"> • <i>Explainability</i> of Artificial Intelligence methods • Approaches to evaluate Explainability
SESSION 7 (2h)	<ul style="list-style-type: none"> • First reading: “<i>Giudici P., Raffinetti E.: Lorenz Model Selection, Journal of Classification, 37(3), pp 754-768 (2020)</i>” • Reflect on the content and prepare a brief report on a specific issue, problem and how to manage it. The report has to be delivered by the date of the last session.
SESSION 8 (2h) - Recorded	<ul style="list-style-type: none"> • <i>Accuracy</i> of Artificial Intelligence methods • Approaches to evaluate Accuracy
SESSION 9 (2.5h) - Live	<ul style="list-style-type: none"> • Python Practice 2 • Explainability and Accuracy of AI
SESSION 10 (2h)	<ul style="list-style-type: none"> • Second reading: “<i>Giudici P., Raffinetti E.: Explainable AI methods in cyber risk management, Quality and Reliability Engineering International, 38(3), pp 1318-1326 (2022)</i>” • Reflect on the content and prepare a brief report on a specific issue, problem and how to manage it. The report has to be delivered by the date of the last session.
SESSION 11 (2h) - Recorded	<ul style="list-style-type: none"> • S.A.F.E. Artificial Intelligence • Metrics to evaluate AI safety
SESSION 12 (2h) - Recorded	<ul style="list-style-type: none"> • Python Practice 3 • S.A.F.E. AI