



Official Programme: Artificial Intelligence & Ethics Project: AI - Greener

Location: Jaunpiebalga Secondary school, Latvia

Date: 12.11.2025.

Target group: Highschool students

1. Introduction to artificial intelligence

- ☐ What is AI? Definition and basic principles
- ☐ Tasks and capabilities of AI systems
- ☐ Types of AI: Weak, strong and superintelligence

2. AI Systems and their applications

- ☐ Expert systems: use in medicine, finance, consulting
- ☐ Predictive AI: Data analysis and predictions
- ☐ Big Data & Computing Power: Cloud, GPUs, TPUs
- ☐ Discussion: Opportunities and risks of modern AI
- ☐ Practical exercise: Group work to develop an AI startup (name, logo, target group, trend)

3. Ethics and fairness in AI

- ☐ What is bias? Practical examples (Amazon, Tay, COMPAS)
- ☐ UNESCO Study on Gender and Racial Stereotypes
- ☐ Discussion: How can AI be made fairer?
- ☐ Introduction to the ART principles: Accountability, Responsibility, Transparency

4. Legal framework – The EU AI Act

- ☐ Overview of the AI Act: Objectives and Structure
- ☐ Prohibited practices and high-risk schemes
- ☐ Requirements for transparency, data quality, human control
- ☐ Sanctions and international implications

Materials & Tools

Presentation: “Whats is an AI?”

Access chatbot tool

Copilot for logo design