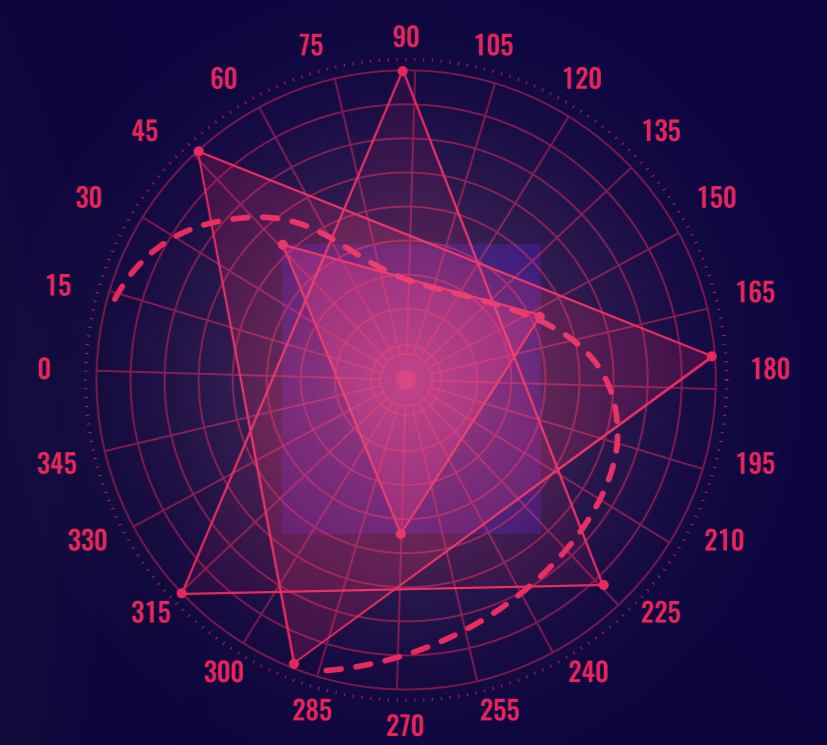
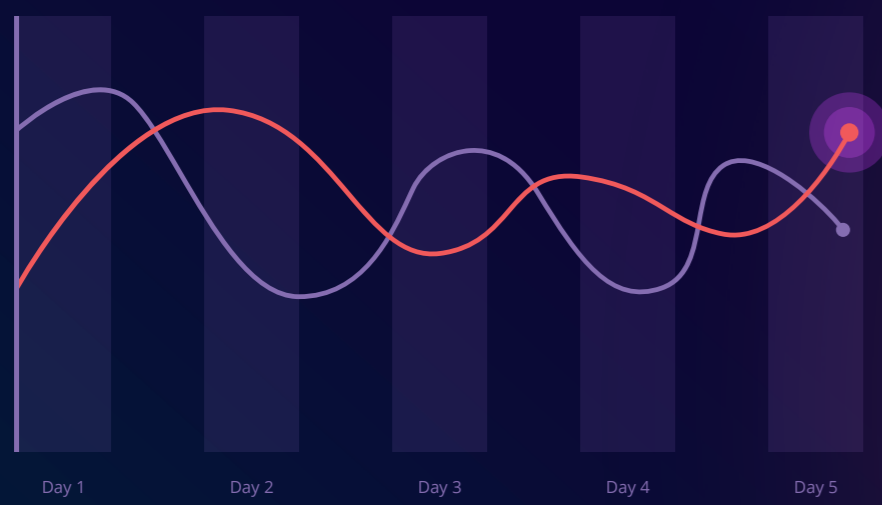




AI4LUNGS

**AI-Based Personalised Care for Respiratory Disease
using Multi-Modal Data in Patient Stratification**

Transforming lung care with AI-driven diagnostic



Innovation

Impact

Two novel technologies

Digital auscultation and early-stage liquid biopsy as innovative methodology to be integrated in the stratification decision support system.

Virtual Digital Twin

The project will create a virtual digital twin showcasing the AI4LUNGS platform, combining patient history, clinical reports, AI algorithms and decision support models. This will advance precision medicine and serve as a clinical supporting and training tool.

Innovative AI computational disease models for stratifying patients more precisely.

Combination of several innovative AI algorithms to process multimodal clinical data with decision support models to assist clinicians (next generation of Computer-aided diagnosis and treatment).

Integrating powerful technologies for better healthcare and a healthier society.

Assist clinicians and provide high-quality digital services for all, including small or remote hospitals.

Improving respiratory care resource allocation in healthcare for sustainability.

Technological

Scientific

Social-clinic

Societal

Economic

www.ai4lungs.eu

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Funded by the European Union



Funded by the European Union under Horizon Europe Programme (Grant Agreement No. 101080756). Views and opinions expressed are however those of the AI4Lungs consortium author(s) only and do not necessarily reflect those of the European Union or the Health And Digital Executive Agency (HaDEA). Neither the European Union nor the granting authority can be held responsible for them.