Research Results on Artificial Intelligence & Soft Skills for Medical Professors & Students
This research had 3 steps and each of it it's own objectives:

01 **Comparative Analysis**
Presentation of the state of medical schools in each of the countries participating in the survey

02 **Survey & Data Analysis**
Analyzing the responses of medical professors & students and drawing conclusions based on their responses

03 **Desk Research**
Comprehensive report on how medical school curriculum is structured around Artificial Intelligence and Soft Skills
Participating Countries

01. Spain, University of Salamanca

02. Greece, University of Thessaly

03. Finland, University of Turku & Turku University of Applied Sciences

04. Belgium, University of Mons

We chose to include the 4 Countries of the AIIS Project that are represented with Universities.
Participants per Country

- Spain: 38%
- Greece: 29%
- Finland: 17%
- Belgium: 16%
### Professors VS Students

<table>
<thead>
<tr>
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<th>Professors</th>
<th>Students</th>
</tr>
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<tbody>
<tr>
<td>Teachers and/or Doctors on University Hospitals</td>
<td>24%</td>
<td>76%</td>
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<tr>
<td>Undergraduate, postgraduate and doctoral candidates</td>
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Understanding of AI Terms

Here are the AI Terms we used for the survey:

- Turing Test
- Autonomous system
- Machine learning
- Black box
- Neural network
- Data Mining
- Symbolic Reasoning
- Transfer learning
- Knowledge Representation
- Deep learning
- Natural language processing
- Reinforcement learning
- Supervised learning
- Symbolic AI
- Unsupervised learning
- CAN I HELP YOU?
Here are the Soft Skills we used for the survey:

- Work ethic
- Efficient presentation
- Teaching ability
- Self-motivation
- Multiculturality
- Active learning
- Leadership
- Creative solutions
- Innovation
- Oral communication
- Communication with media
- Effective work organization
- Negotiation & persuasion
- Ability to motivate other people
- Teamwork & cooperation
- Time management
- Initiative, proactivity, and good attitude to work
- Resilience, stress tolerance & flexibility

- Capacity to adapt to different situations
- Self-confidence & autocontrol
- Problem solving & decision-making
- Efficient communication with patients and family
Almost **50%** of Professors have **Poor or Very Poor** knowledge on AI.
Importance of Soft Skills according to PROFESSORS

83% of Professors consider that Soft Skills are Extremely & Very Important for Medical Students.

- Extremely: 40%
- Very: 30%
- Somewhat: 10%
- Not at all: 0%
Almost 40% of students have Poor or Very Poor knowledge on AI.
Importance of Soft Skills according to STUDENTS

85% of Students consider that Soft Skills are Extremely & Very Important for Medical Students.
Synopsis

50% of Professors are not familiar with AI.

83% of Professors consider Soft Skills highly important.

85% of Students consider Soft Skills highly important.

40% of Students are not familiar with AI.

All projects meet these needs and create Trainings for medical students on AI & Soft Skills.
Take advantage of AIIS Training

Be part of our community or simply stay tuned. Here is how:

01 Newsletter *(every 3 months)*
02 Facebook
03 LinkedIn
04 Twitter
05 Instagram
06 Website

Want to see the full results of our research?

Find them here in:
- English
- Spanish
- Greek
- French
- Finish
Stay tuned for more!

This project has been funded with support from the European Commission. This project reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein. 621534-EPP-1-2020-1-ES-EPPKA2-KA