

Skills Self-Assessment Grid – M2 Biomarkers & AI

Legend:

- **Level 1:** I am discovering – I know the skill but have not practiced it yet.
- **Level 2:** I understand – I grasp the issues and tools associated with the skill.
- **Level 3:** I apply – I am able to apply it with guidance.
- **Level 4:** I master – I apply it independently and in various contexts.

Targeted skill	Level 1	Level 2	Level 3	Level 4
Identify and analyze a relevant biomarker in a clinical or research context	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design a research protocol integrating AI tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use statistical and bioinformatics methods adapted to the analysis of biomedical data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program and automate analyses in Python	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apply machine learning models on biological datasets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyze biomedical images using advanced digital tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formulate a scientific problem and write a structured thesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orally present scientific results to various audiences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Respect ethics, professional conduct, and health data management rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work effectively in a multidisciplinary team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organize professional project and assess skills throughout the year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identify an ethical issue related to AI in health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reflect on my professional practices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>