

Evaluation Rubrics

Evaluation Rubrics: AI Changemaker

Metric 01: Enriching Lives - Impact & Inclusion | 30 Points

Parameters	Description	Key Questions to Address	Points Range
Significance of the problem statement	1. Clarity of the problem statement.	What is the problem? Where does the problem exist? Why do we need to address it? How can the problem be addressed?	0-3 Points
	2. Evidence that the problem exists.	Is the data supported by citations/references?	0-3 Points
	3. Evidence that the problem is time critical.	Is the problem time critical? Is it supported by citations/references?	0-3 Points
Diversity & Inclusion	1. Target Audience.	Who are the affected/target audience? is the problem statement and target audience clearly connected?	0-3 Points
	2. Accessibility & usability.	Does the solution provide equivalent UX for all? Does it remove tech barriers for people with disabilities?	0-3 Points
	3. Scalability.	Have they shared a GTM/deployment strategy? Is it a financially viable option for the target audience?	0-3 Points
Impact of the solution on society & human lives	1. Depth of Impact.	Is the impact on society clearly defined? Is the impact fundamental or game changing in nature?	0-3 Points
	2. Scale of Impact.	Will the impact be at local, regional or global level?	0-3 Points
	3. Duration of Impact.	Will the solution have short-term, mid-term or long-term impact?	0-3 Points
	4. Alignment with UN's SDGs.	Which sustainable development goal is it aligned to? How is it aligned to the stated goal?	0-3 Points

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Metric 02: AI Innovation: Application & Implementation | 30 Points

Parameters	Description	Key Questions/Points to Address	Points Range
Requirement & Innovative Use of AI in the Solution	1. Is the use of AI necessary for the proposed solution?	-	0-2 Points
	2. Clear & effective use of AI.	Is AI used effectively throughout the solution; or It is a smaller component of the proposed solution?	0-3 Points
	3. Based on your experience, how would you classify the idea?	New/original idea; Adaptation of an innovative idea; or Generic/commonplace.	0-3 Points
Level of Complexity & Responsible Use of AI	1. Is the choice of AI model appropriate for the solution?	-	0-3 Points
	2. Do the students have knowledge & understanding of the sub domains of AI that they used in the solution?	Sub domains may include: ML, DL, CV, NLP, Generative AI etc.	0-2 Points
	3. Is it clearly demonstrated how data is obtained and analyzed?	-	0-2 Points
	4. Is the team aware of ethical considerations pertaining to use of AI?	How thoughtfully has the team surfaced ethical considerations throughout the lifecycle of this solution in areas like privacy, bias, discrimination, injustice, environmental sustainability, transparency, security, safety? Have they appropriately addressed these issues while designing the solution? How have they addressed these issues in their solution (e.g., explanation of approach, reduction of risk related to privacy, bias, discrimination, injustice, environmental sustainability, transparency, security, safety)?	0-6 Points

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Metric 02: AI Innovation: Application & Implementation | 30 Points

Parameters	Description	Key Questions/Points to Address	Points Range
Readiness of the Solution	1. Prototyping.	Demonstrated a working prototype of the solution.	0-3 Points
	2. Testing.	Solution is deployed in a test/controlled environment.	0-3 Points
	3. Full-scale deployment.	Shared evidence of full-scale live deployment for target audience.	0-3 Points

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Metric 03: Use of Intel Technologies | 30 Points

Parameters	Description	Key Questions/Points to Address	Points Range
Requirement of Intel AI in the solution	1. Are Intel technology resources used in the solution?	Are Intel resources used across the complete project lifecycle; In a few, but critical, stages of the life cycle; or In only 1 non-critical stage of the lifecycle?	0-3 Points
	2. Appropriateness & criticality.	Did the team clearly outline the reason behind the selection of specific Intel technology resources for their project?	0-4 Points
Use of Intel AI-optimized Hardware in the Solution	1. Appropriateness & criticality.	Is the use of Intel AI-optimized hardware in the solution improving it? Is it critical to use Intel AI-optimized hardware in the solution? Is the hardware used updated/optimized for handling AI workloads?	0-3 Points
	2. Type of hardware used.	Used general purpose hardware (ex.Core, Xe, etc.). Used AI-specific hardware (Havana Gaudi & Goya, Movidius, etc.).	0-3 Points
	3. Extent of use of Intel hardware.	Is Intel hardware used across development-deployment lifecycle? Is it used in 2-3 stages of the lifecycle; or Is it used in only 1 stage of the lifecycle?	0-4 Points

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Metric 03: Use of Intel Technologies | 30 Points

Parameters	Description	Key Questions/Points to Address	Points Range
Use of Intel AI Software in the Solution	1. Appropriateness & criticality.	Is the use of Intel AI software in the solution improving it? Is it critical to use Intel AI software in the solution? Is the software used updated/optimized for handling AI workloads?	0-3 Points
	2. Type of software used.	Optimized frameworks & libraries (TensorFlow, PyTorch, etc.). Development Toolkits (OpenVINO, oneAPI, etc.). Developer Sandbox (DevCloud).	0-3 Points
	3. Extent of use of Intel software.	Is Intel software used across development-deployment lifecycle? Is it used in 2-3 stages of the lifecycle; or Is it used in only 1 stage of the lifecycle.	0-4 Points
IDR Participation	1. Participation in Intel® Digital Readiness or Intel Program	Is your Project/Solution created as part of the Intel® Digital Readiness Program or any other Intel® Program?	3 Points