



Name of the Activity: Machine Learning for Kids - Eco-Friendly Movements

	Outcomes	Teaching and Learning Activities	Assessment
Blended Learning Format - Face-to-face	Understanding environmentally friendly actions	Introduction session discussing eco-friendly behaviors like recycling, water conservation, and energy-saving. Short video and brainstorming on eco-friendly actions.	Classroom participation and idea-sharing assessment.
	Defining key features for machine learning classification	Students work on Machine Learning for Kids to define beneficial and harmful actions for nature and create labels like 'Eco-Friendly' and 'Harmful'.	Evaluation of the project setup and goal clarity.
	Training and testing a simple machine learning model	Hands-on training using Machine Learning for Kids to collect data, train the model, and test its predictions on new inputs.	Accuracy of model predictions and participation in testing.
	Creating an interactive project with Scratch integration	Guided session to connect the trained model with Scratch to create a project where different faces appear based on input actions (smiling, sad, neutral).	Presentation of completed Scratch projects and peer feedback.
	Reflecting on the use of technology for environmental awareness	Wrap-up discussion on how machine learning can support environmental goals and sharing ideas for real-world applications.	Self-assessment and class discussion.
Interactive Learning	Let's get to know the website used for machine learning	H5P-task – multiple choice	Assessment via interactive tasks



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ng Tasks, Gamification/ Nudging / Online	Let's get to know the machine learning for kids website.	H5P-task – multiple choice	Assessment via interactive tasks
	Let's get to know the program that the machine learning for kids website works with.	H5P-task – right-wrong	Assessment via interactive tasks