Machine Learning & AI Highlights

Apple Intelligence brings powerful, intuitive, and integrated personal intelligence to Apple Platforms — designed with privacy from the ground up. And enhancements to our machine learning frameworks let you build, train, and run your machine learning & AI models on Apple devices like never before.

Apple Intelligence

Writing Tools
Help users rewrite, proofread, and transform text. Your app will automatically get the ability to add Writing Tools if you're using any standard UI framework to render text fields.

Image Playground
Adopt the Image Playground API to let your users quickly create delightful images using context from within your app.

Genmoji
Let users create a new emoji to match any moment.

Siri with App Intents

- Apps that already use SiriKit automatically benefit from Siri's enhanced conversational capabilities.
- Take hundreds of new actions in and across apps using App Intents.
- Invoke menus and take actions across apps.

Machine Learning

Core ML
- Bring your large language models and diffusion models to Apple silicon with more granular and composable weight compression techniques in Core ML Tools.
- New MLTensor type provides an efficient, simple, and familiar API for expressing operations on multi-dimensional arrays.

Create ML
- Object tracking helps you track real-world objects in your visionOS app.
- New data preview functionality has been added to the Create ML app, and new Swift APIs from Create ML Components can enhance your customized model training workflow.

ML-powered APIs
- The new Translation API helps to translate text across different languages in your app.
- The Vision framework API has been redesigned to leverage modern Swift features.