Most modern operating systems (OS) have integrated AI-driven features to enhance user experience, security, and performance. Here are some key AI-powered features in existing OS platforms:

**1. Windows (Windows 10, 11)**

* **Copilot AI (Windows 11)** – Integrated AI assistant for task automation, recommendations, and summarization.
* **AI-Powered Search** – Bing AI and Cortana (previously) enhance search suggestions.
* **AI-Powered Voice Recognition** – Speech-to-text, dictation, and voice commands.
* **Windows Studio Effects** – AI-powered webcam and audio enhancements.
* **Real-Time Translations & Accessibility** – AI-driven closed captions, live translations.

**2. macOS (Apple)**

* **Siri** – AI voice assistant for search, automation, and control.
* **Spotlight Search Enhancements** – AI-based smart recommendations.
* **AI-Powered Dictation** – Voice-to-text functionality.
* **Face ID & Touch ID** – AI-driven biometric authentication.
* **Adaptive Battery Management** – AI predicts user habits to optimize power consumption.

**3. Linux-Based OS (Ubuntu, Fedora, etc.)**

* **AI-Driven Automation** – AI tools like Ansible for system automation.
* **Facial Recognition for Authentication** – Available in some distros.
* **Predictive Performance Optimization** – AI-based system monitoring and resource allocation.

**4. Android**

* **Google Assistant** – AI-powered voice assistant.
* **AI-Based Battery Optimization** – Adaptive Battery to extend battery life.
* **Google Lens** – AI-powered image recognition and search.
* **Live Caption & Translation** – Real-time AI-powered subtitles.
* **AI-Based App Suggestions** – Smart app predictions based on usage.

**5. iOS/iPadOS**

* **Siri** – AI voice assistant for smart automation.
* **AI-Powered Camera & Photo Enhancements** – Smart HDR, Night Mode, Face ID.
* **Live Text & Visual Lookup** – AI-powered text extraction from images.
* **AI-Based Privacy & Security** – Intelligent tracking prevention.
* **ProMotion Adaptive Refresh Rate** – AI-driven smooth display experience.

**6. Chrome OS**

* **Google Assistant Integration** – AI-powered help and automation.
* **Smart Unlock** – AI-based security with trusted devices.
* **Adaptive Brightness & Battery Optimization** – AI-driven enhancements.
* **Smart Text Selection** – AI predicts what text you need to copy.