

Copilot

Microsoft offers a wide range of AI models and tools designed to cater to various aspects of machine learning, data science, and AI application development. Here's an exhaustive list of some of the key offerings:

Azure AI Model Catalog

- **Foundation Models:** A collection of popular models from Microsoft and other organizations like OpenAI, Meta, and more.
- **Generative AI:** Top-tier foundation models for generative AI development, including fine-tuning capabilities.

AI Platform, Products & Tools

- **Azure AI:** A comprehensive framework for machine learning, conversational AI, data analytics, and more.
- **Cognitive Services:** A family of APIs for computer vision, speech, and language that achieve human parity.
- **Machine Learning:** Tools for developing with Jupyter Notebook, automated machine learning, and support for open-source frameworks.
- **Data Infrastructure Solutions:** Services for data management, analytics, and governance.

Applied AI Services

- **Conversational AI:** Tools for building intelligent bots and virtual agents.
- **Decision AI:** Models for making informed decisions based on predictive analytics.
- **Anomaly Detector:** Services to identify unusual patterns or rare events in data.

Azure AI Studio

- **Model Catalog:** A hub to discover and use a wide range of models for Generative AI applications.

Developer Tools

- **Visual Studio Code Tools for AI:** Extensions for developing AI applications within VS Code.
- **Azure Machine Learning Studio:** A drag-and-drop interface for building machine learning models.
- **Bot Framework:** A framework for building enterprise-grade conversational AI experiences.

Infrastructure and Services

- **AI at Scale:** Infrastructure to enable large-scale AI applications, including natural language and image processing.
- **Microsoft Purview:** A unified solution for automated data discovery and sensitive data classification.

Research and Advanced Development

- **Project Bonsai:** An AI platform for building autonomous systems.
- **Project Brainwave:** Real-time AI serving platform with FPGA acceleration.

This list represents a broad overview of Microsoft's AI models and tools. Each of these offerings is designed to provide developers and organizations with the necessary resources to build, deploy, and manage AI applications effectively. For a more detailed exploration of each tool and its capabilities, you can visit the official Microsoft AI website or the Azure AI services page. Remember, the field of AI is constantly

evolving, and Microsoft regularly updates its offerings to include the latest advancements and technologies.