

AWS tools in ML:

1. Amazon SageMaker: A fully managed service that provides tools for building, training, and deploying machine learning models. It offers a complete workflow for data preprocessing, model training, hyperparameter tuning, and model deployment.
2. Amazon Rekognition: A service for image and video analysis that includes features like facial recognition, object detection, and sentiment analysis.
3. Amazon Comprehend: A natural language processing (NLP) service that can analyse text to extract insights such as sentiment analysis, entity recognition, and key phrase extraction.
4. Amazon Polly: A text-to-speech service that can convert text into lifelike speech using deep learning models.
5. Amazon Translate: A service for language translation that uses neural machine translation to provide accurate and natural-sounding translations.
6. Amazon Lex: A service for building conversational interfaces and chatbots using automatic speech recognition (ASR) and natural language understanding (NLU).
7. AWS Deep Learning AMIs: Amazon Machine Images (AMIs) pre-configured with deep learning frameworks like TensorFlow, PyTorch, MXNet, and more, making it easy to set up environments for deep learning tasks.
8. AWS Lambda: While not specific to ML, Lambda can be used in ML workflows to trigger functions automatically in response to events, like model deployments or data updates.
9. AWS Glue: A managed extract, transform, and load (ETL) service that can be used to prepare and transform data for ML tasks.
10. AWS Step Functions: This service helps you build, deploy, and orchestrate serverless workflows, which can be useful for managing complex ML pipelines.
11. Amazon Personalize: A service that enables you to create and deploy recommendation systems using machine learning algorithms.
12. Amazon Forecast: A fully managed service that uses time-series data to generate forecasts and predictions.
13. Amazon Elastic Inference: A service that allows you to attach low-cost GPU-powered inference acceleration to Amazon EC2 instances to reduce the cost of running inference for ML models.
14. AWS DeepRacer: While not strictly a tool for traditional machine learning, DeepRacer is a fun way to learn about reinforcement learning through a racing simulation.