

ML tools from AWS

1. **SageMaker:** AWS SageMaker is a cloud-based machine learning service that empowers developers and data scientists to create, train, and deploy ML models into a production-ready hosted environment within a single platform. This ML tool has an auto-pilot option, which will automatically process and run the data into multiple algorithms. It also helps developers pick the best algorithm for their solution instead of manually training and testing multiple models.
2. **CodeGuru:** Amazon CodeGuru is a new tool for developers that recommends writing high-quality, cost-efficient java code. It consists of mainly two components – Profiler and Reviewer.
3. **Forecast:** AWS Forecast is a fully managed machine learning service designed to automate the data, detect the key attributes, and pick the right algorithms to produce an accurate time-series forecast. This technology offers future business outcomes for FBA sellers, including product demands, financial performance, and resource needs by using ML software.
4. **Fraud Detector:** Unlike many services on the market, the Amazon fraud detector is a highly specialized AI tool that is built to identify potentially fraudulent activities such as stolen debit cards, credit cards, and fake registrations more quickly. The Amazon Fraud detector provides a special model to catch fraud faster across various use cases with future transformation, enrichments, and tailored algorithms.
5. **Kendra:** Powered by machine learning, Amazon Kendra is an intelligent search service that uses natural language to find results accurately for your application and websites based on customer queries. Using Amazon Kendra, users can more simply find the information they require within the bulk amount of data spread across various sources.
6. **Polly:** AWS Polly is an advanced Text-to-Speech service that converts text into the human-like-text to speech voices. Moreover, it offers lifelike voice outputs across multiple languages like Japanese, Korean, and Chinese. This allows users to develop automated responses in the languages of their choice and convenience.
7. **Rekognition:** Amazon **Rekognition** is a cloud-based service that makes it simple to join your application's image analysis and video analysis by using deep learning, highly scalable, and proven technology without having the ML tool.
8. **Textract:** In a simple way, AWS Textract is a deep learning-based service that automatically extracts text, handwriting and detects data from scanned copies. Before the discovery of Amazon Textract, the enterprises followed the traditional way of hiring the person to extract the data from the documents such as tax documents or contracts.
9. **Transcribe:** Amazon Transcribe is an automatic speech-to-text solution platform that uses ML models to convert audio to text and produce a review or read transcripts. AWS

introduced a new feature called Amazon Transcribe Call Analytics that lets you extract valuable insights from a client conversation with an API call.

- 10. Translate:** Amazon Translate is AI/ML family member, and it is a neural machine translation service that offers you to translate the bulk amount of text from one language to another language. It supports 75 languages such as Hindi, Tamil, Telugu, Gujarati, Malayalam, Chinese (Traditional), Spanish, French, Russian, and many more to the list. Additionally, Amazon Translate supports 5000 language combinations also.