**Machine Learning Tools**

**Amazon Augmented AI**

Amazon Augmented AI (Amazon A2I) enables you to build the workflows required for human review of ML predictions. Amazon A2I brings human review to all developers, removing the undifferentiated heavy lifting associated with building human review systems or managing large numbers of human reviewers.

**Amazon SageMaker Documentation**

Amazon SageMaker is a fully managed machine learning service. With Amazon SageMaker, data scientists and developers can quickly build and train machine learning models, and then deploy them into a production-ready hosted environment.

**Amazon CodeGuru Documentation**

CodeGuru provides intelligent recommendations for improving application performance, efficiency, and code quality in your Java applications.

**Amazon DevOps Guru Documentation**

Amazon DevOps Guru generates operational insights using machine learning to help you improve the performance of your operational applications.

**Amazon Kendra Documentation**

Amazon Kendra is a search service, powered by machine learning, that enables users to search unstructured text using natural language.

**Amazon Lex Documentation**

Amazon Lex is an AWS service for building conversational interfaces into applications using voice and text. With Amazon Lex, the same deep learning engine that powers Amazon Alexa is now available to any developer, enabling you to build sophisticated, natural language chatbots into your new and existing applications. Amazon Lex provides the deep functionality and flexibility of natural language understanding (NLU) and automatic speech recognition (ASR) to enable you to build highly engaging user experiences with lifelike, conversational interactions and create new categories of products.

**Amazon Forecast Documentation**

Amazon Forecast is a fully managed deep learning service for time-series forecasting. By providing Amazon Forecast with historical time-series data, you can predict future points in the series. Time-series forecasting is useful in multiple domains, including retail, financial planning, supply chain, and healthcare. You can also use Amazon Forecast to forecast operational metrics for inventory management, and workforce and resource planning and management.

**Amazon Polly Documentation**

Amazon Polly is a Text-to-Speech (TTS) cloud service that converts text into lifelike speech. You can use Amazon Polly to develop applications that increase engagement and accessibility. Amazon Polly supports multiple languages and includes a variety of lifelike voices, so you can build speech-enabled applications that work in multiple locations and use the ideal voice for your customers.

**Amazon Transcribe Documentation**

Amazon Transcribe provides transcription services for your audio files and audio streams. It uses advanced machine learning technologies to recognize spoken words and transcribe them into text.

**AWS DeepRacer Documentation**

AWS DeepRacer is a reinforcement learning (RL)-enabled autonomous 1/18th-scale vehicle with supporting services in the AWS Machine Learning ecosystem. It offers an interactive learning system for users of all levels to acquire and refine their skill set in machine learning in general, and reinforcement learning in particular. You can use the AWS DeepRacer console to train and evaluate deep reinforcement learning models in simulation and then deploy them to an AWS DeepRacer vehicle for autonomous driving. You can also join the AWS DeepRacer League to race in the online Virtual Circuit or the in-person events.

[**AWS Trusted Advisor**](https://docs.aws.amazon.com/awssupport/latest/user/trusted-advisor.html)

Describes Trusted Advisor, which helps you optimize your AWS resources for performance, reliability, security, and cost effectiveness.