AWS service	Azure service	Google Cloud service	Description
SageMaker	Azure Machine Learning	Vertex AI	A cloud service to train, deploy, automate, and manage machine learning models.
Alexa Skills Kit	Bot Framework	Dialogflow	Build and connect intelligent bots that interact with your users using text/SMS, Skype, Teams, Slack, Microsoft 365 mail, Twitter, and other popular services.
Amazon Textract	Form Recognizer	Document AI	Automatically extract printed text, handwriting, and data from any document
Rekognition Image	Azure Cognitive Services Computer Vision	Vision AI	Use visual data processing to label content, from objects to concepts, extract printed and handwritten text, recognize familiar subjects like brands and landmarks, and moderate content. No machine learning expertise is required.
Amazon Transcribe	Azure Cognitive Services Speech To Text	Speech-to-Text	Swiftly convert audio into text from a variety of sources. Customize models to overcome common speech recognition barriers, such as unique vocabularies, speaking styles, or background noise.
Amazon Polly	Azure Cognitive Services Text To Speech	Text-to-Speech	Convert text into natural-sounding speech using an API
Amazon Translate	Azure Cognitive Services Translator	Translation AI	Dynamically translate between languages
Source/Reference: Microsoft Azure, Vertex AI & AWS Documentation			

AWS service	Azure service	Google Cloud service	Description
Amazon Rekognition Video	Azure Video Indexer	Video Intelligence API	Quickly categorize video content using thousands of predefined labels and creating additional custom labels to suit your specific needs.
Amazon Personalize	Azure Cognitive Services Personaliser	Recommendations AI	Deliver highly personalized product recommendations at scale.
Amazon Comprehend	Azure Cognitive Services Text Analytics	Natural Language AI	Cloud-based services that provides advanced natural language processing over raw text, and includes four main functions: sentiment analysis, key phrase extraction, language detection, and named entity recognition.
---	ML.NET	TensorFlow	Open source and cross-platform machine learning framework for both machine learning & AI.
Lex	Language Understanding (LUIS)	Natural Language AI	Allows your applications to understand user commands contextually.
Source/Reference: Microsoft Azure, Vertex AI & AWS Documentation			

AWS service	Azure service	Google Cloud service	Description
Amazon SageMaker Autopilot	Azure ML - Automated Machine Learning	Vertex AI AutoML models	Empower professional and non-professional data scientists to build machine learning models rapidly. Automate time-consuming and iterative tasks of model development using breakthrough research-and accelerate time to market. Available in Azure Machine learning, Power BI, ML.NET & Visual Studio.
Amazon EC2 P3 Instances	Azure Data Science Virtual Machines	Deep Learning VM Images	Preconfigured VMs for deep learning applications
Tensorflow on AWS	Azure Databricks	TensorFlow Enterprise	Reliability and performance for AI applications with enterprise-grade support and managed services
SageMaker for MLOps	Machine Learning Operations (MLOps)	Kubeflow	MLOps, or DevOps for machine learning, enables data science and IT teams to collaborate and increase the pace of model development and deployment via monitoring, validation, and governance of machine learning models.
Source/Reference: Microsoft Azure, Vertex AI & AWS Documentation			

AWS service	Azure service	Google Cloud service	Description
SageMaker Data Labeling	Azure ML - Data Labeling	Vertex AI Data Labeling Service	A central place to create, manage, and monitor labeling projects (public preview). Use it to coordinate data, labels, and team members to efficiently manage labeling tasks. Machine Learning supports image classification, either multi-label or multi-class, and object identification with bounded boxes.
SageMaker Clarify	Azure ML – Model Interpretability	What-If Tool	Tool to help explain how machine learning (ML) models make prediction
Source/Reference: Microsoft Azure, Vertex AI & AWS Documentation			