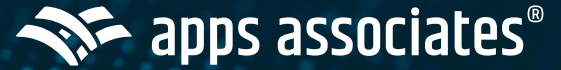# Apps Associates AI and Machine Learning Services for the Oracle Cloud

apps associates®

In the rapidly evolving landscape of technology, Artificial Intelligence (AI) and Machine Learning (ML) have emerged as transformative forces that hold the potential to revolutionize the way businesses operate. Companies across diverse industries are harnessing the power of AI and ML to achieve game-changing transformations driving innovation, efficiency, and competitive advantage. Yet amidst the promise of these cutting-edge technologies, many organizations find themselves grappling with the challenge of navigating the intricate terrain of AI and ML implementation.

With the AI/ML landscape becoming more powerful but concurrently more complex, it can be daunting for businesses to discern where and how to commence their AI and ML journey. The pitfalls of unfocused endeavors often lead to the failure of many AI and ML initiatives. As a result, many companies are seeking informed guidance to determine the optimal path forward, ensuring that their investment in AI and ML translates into tangible success and sustainable growth. The Oracle Cloud has a broad and deep set of AI and ML services covering all modern use cases including Generative AI. Apps Associates' experience with Oracle's cloud-based AI and ML services, our deep AI and ML expertise and our decades long experience building data pipelines to support advanced analytics initiatives puts us in a unique position to help companies navigate the Oracle Cloud and get the most from their AI and ML initiatives.

How Can Apps Associates Help?

Strategic Planning – Define AI/ML Goals and Objectives

Identify High Impact AI and ML Use Cases

Evaluate and Assess Data Estate

Data Acquisition and Exploratory Data Analysis

Model Evaluation, Selection and Training

AI/ML Data Pipeline Design and Development

AI/ML Production Deployment

Model Tuning, Monitoring, Maintenance

AI and ML Services in the Oracle Cloud - Apps Associates Expertise

The Oracle Cloud has a full set of AI and ML services for virtually every conceivable use case so it is important to use the right Oracle Cloud platform to achieve the desired outcome.

Below is a quick summary of the AI and ML services of the Oracle Cloud:

Oracle Cloud Infrastructure (OCI) Generative AI Service - fully managed service available via API to integrate Large Language Models (LLM's) into a wide range of use cases including writing assistance, summarization and chat.

Oracle Cloud Infrastructure (OCI) AI Services - a collection of services with prebuilt machine learning models that allow developers to apply AI to applications and business operations. The models can be custom-trained as needed. There are AI Services for Digital Assistant, Language, Speech, Vision, Document Understanding, Anomaly Detection and Forecasting.

Oracle Cloud Infrastructure (OCI) Data Science - a fully-managed platform for teams of data scientists to build, train, deploy, and manage machine learning models using Python and open source tools. This service includes MLOps capabilities, such as automated pipelines, model deployments, and model monitoring.

Machine Learning in the Oracle Database - includes more than 30 high performance in-database algorithms producing models for immediate use in applications. Keeping the data in the database allows organizations to simplify their architecture and streamline and automate key elements of the ML Lifecycle.

Machine Learning in Oracle Analytics Cloud (OAC) - provides prebuilt algorithms for a variety of machine learning modeling needs including numeric prediction, multi-classifier, binary classifier, and clustering. OAC's machine learning functionality is for advanced data analysts who have an idea of what they're looking for in their data, are familiar with the practice of predictive analytics, and understand the differences between algorithms.

With Apps' extensive knowledge of Oracle Cloud's AI and ML services and our deep, hands-on experience building data pipelines to support advanced analytics, we have been able to help numerous companies leverage their full data estate (unstructured, semi-structured and structured data) to achieve transformative results. Head to our Data and Analytics homepage, or call us at +1.855.466.5066, to learn how you can leverage the power, scale and flexibility of Oracle Cloud's AI and ML services to drive game-changing results in your organization.

About Apps Associates

Apps Associates is a premier enterprise applications and technology advisor, counseling and executing across every stage of the enterprise transformation journey—not just the destination. For more than two decades, Apps Associates has closely collaborated with decision makers across nearly every industry, offering end-to-end integration, modernization, and cloud migration services. By helping to break down the silos within today's most complex business challenges, Apps Associates is unlocking solutions and efficiencies that scale into future opportunities.

To learn more about how Apps Associates can help you align your business with the right technology, visit: www.appsassociates.com, or follow Apps Associates on social media on Twitter and LinkedIn.

Our Strategic Partners

Microsoft Gold Partner

ORACLE | Partner

aws PARTNER Premier Tier Services

snowflake SERVICES PARTNER SELECT

salesforce PARTNER

apps associates®