

Custom AI Solution: AI-as-a-Service

Smart Business Analytics

Overview

Solve your most impactful challenges leveraging the power of Google Cloud AI. Google Cloud's AI Services team will lead an effort to build a machine learning based solution that delivers ongoing business value through a joint partnership, all through a simple monthly subscription.

Key activities



Phase I: Develop Model

Data Exploration - Analyze available data sources to assess state of data and potential usefulness in applying to your Machine Learning (ML) model.

Algorithm Selection - Research modeling strategies to determine appropriate ML selection algorithms to address your business challenge.

Feature Engineering - Create ML model features for the solution based on raw data analysis and tests.

Initial Model Development - Develop an initial ML model using the data to solve the selected business problem and iterate.

Phase II: Deploy to Production

Requirements Gathering - Capture requirements for deploying the ML model in production.

Design, Develop, and Deploy ML Pipeline -

Design a production scale pipeline that meets your requirements and set up ML solution in test environment

Model Integration - Implement integration design that connects the ML solution to applicable systems

User Testing Guidance - Support user testing efforts of the ML solution by prioritizing and resolving identified issues

Deploy ML Solution to Production &

Documentation - Implement design that connects the ML solution to your production systems

Phase III: Extended Care

Implementation Management & Ongoing

Guidance - Provide ongoing access to the solution, sustained engineering, and advisory best practices

Solution deliverables



- **AI/ML Solution** - Complete code repository for the ML solution, developed through an iterative process.
- **Preliminary ML Model Report** - Highlights initial model architecture, findings, performance against evaluation criteria, and next steps to take to production.
Testing Plan - Highlights approach for testing the solution, including process, risks, and mitigation strategies.
- **Technical Design Document** - Detailed full design document of the technical architecture including an inventory of GCP configuration options, decisions, and recommendations for next steps.
- **Quarterly Progress Report** - Report on the ML solution performance with recommendations for potential improvement.

Engagement and details



- **Prerequisites**
 - A C-level sponsor inside your organization
 - A defined machine learning use case that can generate significant value
 - Data and the ability to move it to Google Cloud
 - A GCP environment
- **Scope and Pricing**

Custom scoping and pricing depending on use case. Please contact your Key Account Executive for more information.

