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.


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.