Peak Artificial Intelligence System (AIS) on AWS

Continuously evolve your business with artificial intelligence

Peak is an APN Machine Learning Competency Partner.

Industry trends & challenges

To meet evolving customer demands, organizations are turning to artificial intelligence and machine learning (AI/ML) technologies. Legacy data analytics solutions can be costly and time-consuming, and sometimes struggle to provide the analytics that businesses are looking for. Without these insights, organizations run into difficulties around quickly meeting the demands of their customers and building effective targeted marketing campaigns. Comprehensive AI/ML solutions can bring AI to the core of any organization, whether to improve internal business processes and inventory management or provide intelligent insights on individual customer data.

The Peak solution

Peak on Amazon Web Services (AWS) is designed to bring AI and ML into the core of your business to help you adopt a truly AI-driven strategy. Built on high security standards, Peak’s AI System (AIS) provides you with the platform to successfully implement AI across all of your existing business systems, like Customer Relationship Management (CRM) systems and finance systems. Peak’s AIS provides the technologies and ML algorithms to continuously learn and quickly process and optimize large volumes of data, from disparate sources, allowing you to gain the insights needed to improve your business strategy and achieve rapid results.

Benefits

Gain the insights and intelligence needed to optimize your processes, increase your revenues and profits, and evolve your business to maintain competitive advantage.

- **FAST: Rapid results**
  While handling large volumes of data from multiple sources at an accelerated speed, Peak’s AIS enables solutions to be deployed rapidly without disrupting your business.

- **SAFE: Secure Technology**
  Categorize customers based on unique user data and determine the ideal customer experience for them.

- **SMART: Continuous Evolution**
  Peak’s AIS is powered by machine learning algorithms that continuously learn and get smarter over time.

- **FLEXIBLE: Increased possibilities**
  Peak’s scalability allows for outputs to easily feedback into your business systems, allowing you to drive automation across multiple business functions.
Solution overview

Peak Artificial Intelligence System
By bringing AI to the core of your business-powered ML algorithms, Peak's AIS helps you take full advantage of your data. Peak unifies your data to bring you a "golden data set" with technologies that help you explore, profile, and cleanse data from a single AI console that supports 18+ data sources. The processed data and ML algorithms can be leveraged to support a variety of use cases, such as intelligent demand forecasting and inventory optimization, sales lead scoring, and categorization of customers to help increase retention and improve experiences.

Peak on AWS
Peak's AIS leverages a multitude of AWS services such as Amazon Simple Storage Service (Amazon S3) for storing raw data and AWS Glue for unifying and cleansing data in Amazon EMR. The data that is then sent to the Peak AIS is used to assist with ML model training and is stored in Amazon RedShift. With the use of Amazon SageMaker, Peak is now able to deploy ML solutions far quicker than before. Developing ML solutions would take Peak up to one week, but now these solutions can be deployed in 20 minutes.

Getting started
Contact Peak to get started with a brief, 20-minute discussion with the sales team to determine financial impact, strategic goals, methodologies, and scope. The Peak sales team will help develop a plan that will get you the insights you need, with the ROI you want.

Get started with this solution
View solution in Solution Space