

AI Platforms Buyers Guide

Software Provider and Product Assessment

EXECUTIVE
SUMMARY



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PART
OF





Bend, Oregon

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The information contained in this Ventana Research Buyers Guide provides a baseline of knowledge that enterprises can use to evaluate the sophistication of software providers and products in the area of AI platforms. Our findings are drawn from thorough, research-based analysis of product and customer experience categories that best represent how an enterprise should evaluate software providers.

Nothing in this report or our research is intended to imply that one software provider or product is the right choice for any one particular enterprise. Rather, our goal is to provide an objective rating of software providers and products related to the topic of this Buyers Guide using our research methodology and blueprint for successful evaluation and selection. We performed this research independent of any external influence, charged no fees for any software provider to participate in the research and invited all relevant providers that met our inclusion criteria. This report includes products generally available as of May 31st, 2024.

The complete Buyers Guide report and research is available to be licensed for use across an enterprise or the internet. We provide insights on the technology industry, software categories and providers related to this Buyers Guide to enterprises through our Ventana On-Demand research and advisory service. We also offer assessment services using this research to help discover and provide guidance on software provider selection.

We certify that Ventana Research performed this research to the best of our ability, that the analysis is a faithful representation of our knowledge of software providers and products, and that the ratings are our own.

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AI Platforms

While Artificial intelligence (AI) has evolved over many decades, it is front and center due to a combination of factors that have dramatically increased awareness of and investment in technologies to support its purpose. Since its inception, AI has provided value no matter how or where it has been applied: helping to prevent credit card fraud, segmenting customers for more effective marketing campaigns, making recommendations for the best next action, predicting maintenance routines to prevent machine failures and many other use cases. Recently, the advent of generative AI (GenAI) has brought heightened attention to the AI market. ISG Buyer Behavior research shows that nearly one-half (49%) of enterprise AI budgets are being allocated to GenAI investments. This heightened awareness of AI has brought a focus on the broader issues of developing, deploying and maintaining AI applications in enterprise production environments.

Ventana Research defines AI Platforms as those platforms that include the ability to prepare, deploy and maintain AI models. Preparing a model requires accessing and preparing data used in the modeling process. Training a model requires tooling for data scientists to explore, compare and optimize models developed using different algorithms and parameters.



AI Platforms have existed for decades, but several challenges have prevented wide-spread adoption.

Deploying and maintaining models require governance and monitoring frameworks to ensure that models comply with both internal policies as well as regulatory requirements. And, when models are out of compliance, the platforms should provide mechanisms to retrain and redeploy new models that are compliant.

AI Platforms have existed for decades, but several challenges have prevented widespread adoption. Among the challenges were the costs and technical difficulties in collecting and processing the volumes of data needed to produce accurate models. For example, the data from many transactions must be collected and analyzed in order to predict fraudulent transactions.

But since the overwhelming majority of transactions are legitimate, many transactions must be analyzed so that the models have enough observations of fraudulent transactions to make accurate predictions. As scale-out computing and object storage have driven down costs, it is now much more economically feasible to collect and process all this data.



Another challenge has been the lack of skills needed to create and deploy AI models. Our research shows that hiring and retaining AI-talented resources is the most challenging technical role to fill and the lack of expertise is the most significant challenge enterprises face in adopting AI. GenAI has brought new attention to the domain of AI and has the promise to make AI much more accessible and more easily utilized in a broader portion of the workforce and the general public. In fact, 85% of enterprises believe that investment in GenAI technology in the next 24 months is important or critical. And the ISG Buyer Market Lens AI research finds enterprises are experiencing positive outcomes from their AI investments. Nearly 9 in 10 (88%) report positive outcomes when using AI for search that proactively answers questions. A similar proportion (87%) report positive outcomes in the interpretation of tabular data.

Primary Challenges Adopting AI

Lack of skills is the most significant challenge



Source: ISG Research
Market Lens AI Study
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While the rise of GenAI has been meteoric, enterprises still plan to invest one-half of their AI spend on predictive or traditional AI. The most common tasks where GenAI is being applied include natural language processing (NLP) such as chatbots/copilots/assistants, extracting information from and summarizing documents, and assisting with software development tasks such as code generation and application migration. GenAI is expected to have a bigger impact in these areas than predictive AI.

However, in areas such as credit risk, fraud detection, algorithmic trading and even customer acquisition, predictive AI is expected to have a bigger impact. Part of the reason, as noted previously, is that predictive AI is hard. Fine tuning models requires knowledge of not just the algorithms, but also their various parameters and the appropriate data preparation techniques. Data scientists must also understand biases in the data and issues in the training process such as overfitting or poor sampling.

Developing and deploying AI models is a multistep process, beginning with collecting and curating the data that will be used to create the model. Once a model is developed and tuned using the training data, it needs to be tested to determine its accuracy and performance. Then the model needs to be applied in an operational application or process.

For example, in a customer service application, a predictive AI model might make a recommendation for how a representative should respond to the customer's situation. Similarly, a self-service customer application might use a large language model (LLM) to provide a chatbot or guided experience to deliver those recommendations.

The process does not conclude once a model is deployed. Enterprises need to monitor and maintain the models, ensuring they continue to be accurate and relevant as market



conditions change. Realistically, it is only a matter of time before a model's accuracy has declined to the point where it can be replaced by another, more accurate model. The new model may simply be the result of retraining the old model on new data or it may be the result of using different modeling techniques. In either case, the models must be monitored constantly and updated as and when necessary. In the case of third-party LLMs, the providers are constantly updating and improving their models, so enterprises need to be prepared to deploy the newer models as well.

Data is flowing throughout these processes. Considerable time and effort are invested in preparing data to feed into predictive models. Feature engineering requires exploration and experimentation with the data. Once the features are identified, robust repeatable processes are needed to create data pipelines that feed these features into the models. In the case of GenAI, data—often in the form of documents—feeds custom LLM development or fine tuning. Additional data flows through the prompting process to direct LLMs to provide more specific and more accurate responses. Enterprises must govern these data flows to ensure compliance with internal policies and regulatory requirements. The regulatory environment is emerging and evolving, with the European Union passing the AI Act, the U.S. issuing an Executive Order on responsible development of AI and dozens of U.S. states either enacting or proposing AI regulations.

The processes of moving AI to production, keeping models up to date and including governance throughout are collectively referred to as machine learning operations (MLOps) or, in the case of LLMs, LLMOps. Software providers were slow to recognize that the lack of MLOps/LLMOps tooling was inhibiting successful use of AI. Enterprises were left to their own devices to create scripts and cobble together solutions to address these issues. Fortunately, AI software providers have expanded their platforms to address many of these capabilities, and specialist providers have emerged with a focus on MLOps/LLMOps. In fact, we assert that by 2026, 4 in 5 enterprises will use MLOps and LLMOps tools to improve the quality and governance of their AI/ML efforts.

All these capabilities are important to maximize the success of AI investments. As a result, our evaluation of AI Platform software providers considers each of them in this Buyers Guide. Our framework includes data preparation to ensure quality data is used to train and test models. We also consider the range of modeling algorithms available, as well as the tuning, optimization and testing options supported. Similarly, the range of AutoML functionality is included, along with data scientist tooling to understand how well the platform boosts productivity. Today, no platform would be complete without GenAI. And finally, MLOps/LLMOps must be considered to evaluate how effectively

MLOps
Market Assertion

By 2026, 4 in 5 enterprises will use MLOps and LLMOps tools to improve the quality and governance of their AI/ML efforts.

David Menninger
Executive Director, Technology Research

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the platform can be used to put models into production and to maintain those models over time.

ISG advises enterprises that a methodical approach is essential to maximize competitiveness. To improve the performance of your enterprise's people, process, information and technology components, it is critical to select the right provider and product. Many need to improve in



Technology improvements alone are not enough to improve the use of data in an enterprise.

this regard. Our research analysis placed fewer than 1 in 5 enterprises (18%) at the highest Innovative level of performance in their use of analytics and data. However, caution is appropriate here: technology improvements alone are not enough to improve the use of data in an enterprise. Doing so requires applying a balanced set of upgrades that also include efforts to improve people skills and processes. The research finds fewer than 1 in 6 enterprises (15%) at the highest Innovative level of performance for process in relation to analytics and data, and fewer than 1 in 8 (12%) at the Innovative level of performance for people.

The overall AI Platforms Buyers Guide is designed to provide a holistic view of a software provider's ability to serve a combination of traditional AI, GenAI and MLOps/LLMOps workloads with either a single AI platform product or set of AI platform products. As such, the AI Platforms Buyers Guide includes the full breadth of overall AI capabilities. Our evaluation also considered whether the capabilities were available from a software provider in a single offering or a suite of products or cloud services.

The overall AI Platform Buyers Guide includes evaluation of data preparation, types of modeling, AutoML, GenAI, developer and data scientist tooling, MLOps/LLMOps, advanced model optimization and investment. To be included in the Buyers Guide, the software provider must include data preparation, AI/ML modeling, developer and data scientist tooling, model deployment, and model tuning and optimization.

The Buyers Guide for AI Platforms is the result of our evaluation of the following software providers that offer products that address key elements of AI platforms to support a combination of AI, GenAI and MLOps/LLMOps workloads: Alibaba Cloud, Altair, Alteryx, Anaconda, Amazon Web Services (AWS), C3 AI, Cloudera, Databricks, Dataiku, DataRobot, Domino Data Lab, Google, H2O.ai, IBM, MathWorks, Microsoft, NVIDIA, Oracle, Palantir, Red Hat, Salesforce, SAP, SAS, Snowflake and Teradata.



Buyers Guide Overview

For over two decades, Ventana Research has conducted market research in a spectrum of areas across business applications, tools and technologies. We have designed the Buyers Guide to provide a balanced perspective of software providers and products that is rooted in an understanding of the business requirements in any enterprise. Utilization of our research



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methodology and decades of experience enables our Buyers Guide to be an effective method to assess and select software providers and products. The findings of this research undertaking contribute to our comprehensive approach to rating software providers in a manner that is based on the assessments completed by an enterprise.

This Ventana Research Buyers Guide: AI Platforms is the distillation of over a year of market and product research efforts. It is an assessment of how well software providers' offerings address enterprises' requirements for AI platforms software. The index is structured to support a request for information (RFI) that could be used in the request for proposal (RFP) process by incorporating all criteria needed to evaluate, select, utilize and maintain relationships with software providers. An effective product and customer experience with a provider can ensure the best long-term relationship and value achieved from a resource and financial investment.

In this Buyers Guide, Ventana Research evaluates the software in seven key categories that are weighted to reflect buyers' needs based on our expertise and research. Five are product-experience related: Adaptability, Capability, Manageability, Reliability, and Usability. In addition, we consider two customer-experience categories: Validation and Total Cost of Ownership/Return on Investment (TCO/ROI). To assess functionality, one of the components of Capability, we applied the Ventana Research Value Index methodology and blueprint, which links the personas and processes for AI platforms to an enterprise's requirements.

The structure of the research reflects our understanding that the effective evaluation of software providers and products involves far more than just examining product features, potential revenue or customers generated from a provider's marketing and sales efforts. We believe it is important to take a comprehensive, research-based approach, since making the wrong choice of AI platforms technology can raise the total cost of ownership, lower the return on investment and hamper an enterprise's ability to reach its full performance potential. In addition, this approach can reduce the project's development and deployment



time and eliminate the risk of relying on a short list of software providers that does not represent a best fit for your enterprise.

Ventana Research believes that an objective review of software providers and products is a critical business strategy for the adoption and implementation of AI platforms software and applications. An enterprise's review should include a thorough analysis of both what is possible and what is relevant. We urge enterprises to do a thorough job of evaluating AI platforms systems and tools, and offer this Buyers Guide as both the results of our in-depth analysis of these providers and as an evaluation methodology.



How To Use This Buyers Guide

Evaluating Software Providers: The Process

We recommend using the Buyers Guide to assess and evaluate new or existing software providers for your enterprise. The market research can be used as an evaluation framework to establish a formal request for information from providers on products and customer experience and will shorten the cycle time when creating an RFI. The steps listed below provide a process that can facilitate best possible outcomes.

1. Define the business case and goals.
Define the mission and business case for investment and the expected outcomes from your organizational and technological efforts.
2. Specify the business needs.
Defining the business requirements helps identify what specific capabilities are required with respect to people, processes, information and technology.
3. Assess the required roles and responsibilities.
Identify the individuals required for success at every level of the enterprise, from executives to frontline workers, and determine the needs of each.
4. Outline the project's critical path.
What needs to be done, in what order and who will do it? This outline should make clear the prior dependencies at each step of the project plan.
5. Ascertain the technology approach.
Determine the business and technology approach that most closely aligns to your enterprise's requirements.
6. Establish software provider evaluation criteria.
Utilize the product experience: Adaptability, Capability, Manageability, Reliability and Usability, and the customer experience in TCO/ROI and Validation.
7. Evaluate and select the technology properly.
Weight the categories in the technology evaluation criteria to reflect your enterprise's priorities to determine the short list of software providers and products.
8. Establish the business initiative team to start the project.
Identify who will lead the project and the members of the team needed to plan and execute it with timelines, priorities and resources.



The Findings

All of the products we evaluated are feature-rich, but not all the capabilities offered by a software provider are equally valuable to types of workers or support everything needed to manage products on a continuous basis. Moreover, the existence of too many capabilities may be a negative factor for an enterprise if it introduces unnecessary complexity. Nonetheless, you may decide that a larger number of features in the product is a plus, especially if some of them match your enterprise’s established practices or support an initiative that is driving the purchase of new software.

Factors beyond features and functions or software provider assessments may become a deciding factor. For example, an enterprise may face budget constraints such that the TCO evaluation can tip the balance to one provider or another. This is where the Value Index methodology and the appropriate category weighting can be applied to determine the best fit of software providers and products to your specific needs.

Overall Scoring of Software Providers Across Categories

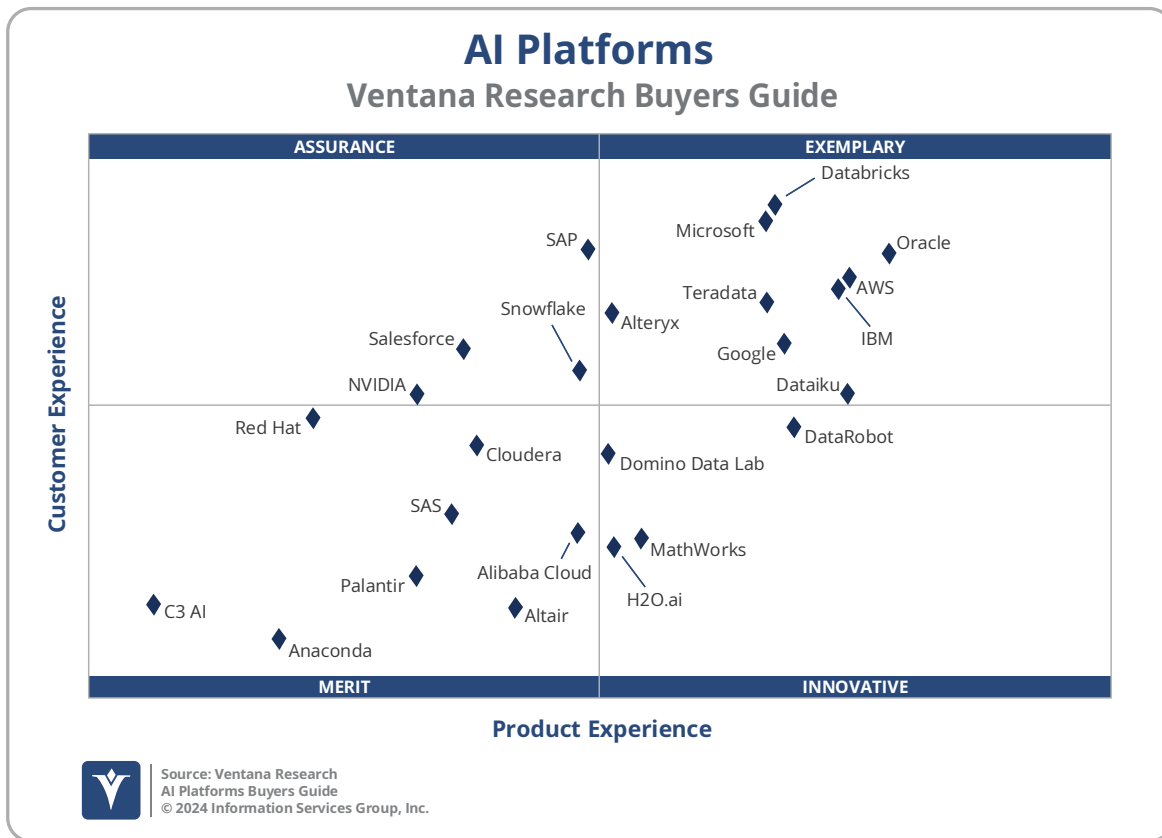
The research finds Oracle atop the list, followed by AWS and IBM. Companies that place in the top three of a category earn the designation of Leader. Oracle has done so in five of the seven categories; SAP in four; AWS in three; Alteryx and Databricks in two and Dataiku, DataRobot, Google, H2O.ai, Microsoft and Teradata in one category.

The overall representation of the research below places the rating of the Product Experience and Customer Experience on the x and y axes, respectively, to provide a visual representation and classification of the software providers. Those providers whose Product Experience have a higher weighted performance to the axis in aggregate of the five Product Experience categories place farther to the right, while the performance and weighting for the two Customer Experience categories determines placement on the vertical axis. In short, software providers that place closer to the upper-right on this chart performed better than those closer to the lower-left.

The research places software providers into one of four overall categories: Assurance, Exemplary, Merit or Innovative. This representation classifies providers’ overall weighted performance.

AI Platforms Overall		
Vendors	Grade	Performance
Oracle	B++	Leader 81.2%
AWS	B++	Leader 78.4%
IBM	B++	Leader 77.9%
Databricks	B++	77.8%
Microsoft	B++	77.5%
Teradata	B++	75.4%
Google	B++	75.3%
Dataiku	B+	72.9%
SAP	B+	72.8%
DataRobot	B+	72.1%
Alteryx	B+	70.3%
Snowflake	B+	69.1%
Salesforce	B	66.6%
Domino Data Lab	B	66.1%
Cloudera	B	64.2%
MathWorks	B	64.1%
Alibaba Cloud	B	63.3%
H2O.ai	B-	61.5%
NVIDIA	B-	60.7%
SAS	B-	60.2%
Altair	B-	59.5%
Red Hat	B-	57.1%
Palantir	B-	56.9%
Anaconda	C++	51.9%
C3 AI	C+	44.3%

Source: Ventana Research
AI Platforms Buyers Guide
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Exemplary: The categorization and placement of software providers in Exemplary (upper right) represent those that performed the best in meeting the overall Product and Customer Experience requirements. The providers rated Exemplary are: Alteryx, AWS, Databricks, Dataiku, Google, IBM, Microsoft, Oracle and Teradata.

Innovative: The categorization and placement of software providers in Innovative (lower right) represent those that performed the best in meeting the overall Product Experience requirements but did not achieve the highest levels of requirements in Customer Experience. The providers rated Innovative are: DataRobot, Domino Data Lab, H2O.ai and MathWorks.

Assurance: The categorization and placement of software providers in Assurance (upper left) represent those that achieved the highest levels in the overall Customer Experience requirements but did not achieve the highest levels of Product Experience. The providers rated Assurance are: NVIDIA, Salesforce, SAP and Snowflake.

Merit: The categorization of software providers in Merit (lower left) represents those that did not exceed the median of performance in Customer or Product Experience or surpass the threshold for the other three categories. The providers rated Merit are: Alibaba Cloud, Altair, Anaconda, C3 AI, Cloudera, Palantir, Red Hat and SAS.



We warn that close provider placement proximity should not be taken to imply that the packages evaluated are functionally identical or equally well suited for use by every enterprise or for a specific process. Although there is a high degree of commonality in how enterprises handle AI platforms, there are many idiosyncrasies and differences in how they do these functions that can make one software provider's offering a better fit than another's for a particular enterprise's needs.

We advise enterprises to assess and evaluate software providers based on organizational requirements and use this research as a supplement to internal evaluation of a provider and products.



Product Experience

The process of researching products to address an enterprise’s needs should be comprehensive. Our Value Index methodology examines Product Experience and how it aligns with an enterprise’s life cycle of onboarding, configuration, operations, usage and maintenance. Too often, software providers are not evaluated for the entirety of the product; instead, they are evaluated on market execution and vision of the future, which are flawed since they do not represent an enterprise’s requirements but how the provider operates. As more software providers orient to a complete product experience, evaluations will be more robust.

The research results in Product Experience are ranked using the specific underlying weighted category performance to 80% or four-fifths of the overall rating. Importance was placed on the categories as follows: Capability 40%), Adaptability (10%), Manageability (10%), Reliability (10%) and Usability (10%),.. This weighting impacted the resulting overall ratings in this research. Oracle, AWS, Dataiku and IBM were designated Product Experience Leaders.

Many enterprises will only evaluate capabilities for workers in IT or administration, but the research identified the collection of Adaptability, Manageability, Reliability and Usability as equally important to Capability.

AI Platforms Product Experience			
Vendors	Grade	Performance	
Oracle	B++	Leader	58.8%
AWS	B++	Leader	57.4%
IBM	B++	Leader	57.1%
Dataiku	B+	Leader	57.1%
DataRobot	B+		55.5%
Databricks	B+		55.0%
Microsoft	B+		54.9%
Google	B+		54.7%
Teradata	B+		54.5%
MathWorks	B		49.3%
H2O.ai	B-		48.5%
Alteryx	B		48.0%
Domino Data Lab	B		47.9%
SAP	B		47.5%
Alibaba Cloud	B		47.2%
Snowflake	B		47.1%
Altair	B-		45.5%
Cloudera	B-		44.0%
SAS	B-		43.6%
Salesforce	B		42.8%
NVIDIA	C++		41.6%
Palantir	C++		41.1%
Red Hat	C++		37.1%
Anaconda	C+		35.4%
C3 AI	C		30.5%

Source: Ventana Research
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Customer Experience

The importance of a customer relationship with a software provider is essential to the actual success of the products and technology. The advancement of the Customer Experience and the entire life cycle an enterprise has with its software provider is critical for ensuring satisfaction in working with that provider. Technology providers that have chief customer officers are more likely to have greater investments in the customer relationship and focus more on their success. These leaders also need to take responsibility for ensuring this commitment is made abundantly clear on the website and in the buying process and customer journey.

The research results in Customer Experience are ranked using the specific underlying weighted category performance to 20% or one-fifth as it relates to the framework of commitment and value to the software provider-customer relationship. The two evaluation categories are Validation (10%) and TCO/ROI (10%), which are weighted to represent their importance to the overall research.

The software providers that evaluated the highest overall in the aggregated and weighted Customer Experience categories are Databricks, Microsoft and SAP. These category Leaders best communicate commitment and dedication to customer needs.

Some software providers we evaluated did not have sufficient information available through their website and presentations. While several have customer case studies to promote success, some lack depth in articulating their commitment to customer experience in an enterprise’s AI platforms journey. As the commitment to a software provider is a continuous investment, the importance of supporting customer experience in a holistic evaluation should be included and should be included in any software provider evaluation.

AI Platforms
Customer Experience

Vendors	Grade	Performance
Databricks	A-	Leader 17.4%
Microsoft	A-	Leader 17.2%
SAP	A-	Leader 17.1%
Oracle	A-	16.8%
AWS	A-	16.6%
IBM	A-	16.6%
Teradata	A-	16.4%
Alteryx	A-	16.3%
Google	B++	15.7%
Salesforce	B++	15.7%
Snowflake	B++	15.4%
Dataiku	B+	14.8%
NVIDIA	B+	14.8%
Red Hat	B+	14.7%
DataRobot	B+	14.4%
Cloudera	B+	14.1%
Domino Data Lab	B+	14.0%
SAS	B	13.3%
Alibaba Cloud	B	12.6%
MathWorks	B	12.6%
H2O.ai	B	12.5%
Palantir	B-	12.3%
Altair	B-	12.0%
C3 AI	B-	12.0%
Anaconda	B-	11.6%

Source: Ventana Research
AI Platforms Buyers Guide
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Appendix: Software Provider Inclusion

For inclusion in the Ventana Research AI Platforms Buyers Guide for 2024, a software provider must be in good standing financially and ethically, have at least \$20 million in annual or projected revenue verified using independent sources, sell products and provide support on at least two continents, and have at least 25 customers. The principal source of the relevant business unit's revenue must be software-related and there must have been at least one major software release in the last 18 months.

The provider must have a product that provides the following functional areas at a minimum, which are mapped into Buyers Guide capability criteria:

- Data preparation
- AI/ML modeling
- Developer and data scientist tooling
- Model deployment
- Model tuning and optimization

The research is designed to be independent of the specifics of software provider packaging and pricing. To represent the real-world environment in which businesses operate, we include providers that offer suites or packages of products that may include relevant individual modules or applications. If a software provider is actively marketing, selling and developing a product for the general market and it is reflected on the provider's website that the product is within the scope of the research, that provider is automatically evaluated for inclusion.

All software providers that offer relevant AI platforms products and meet the inclusion requirements were invited to participate in the evaluation process at no cost to them.

Software providers that meet our inclusion criteria but did not completely participate in our Buyers Guide were assessed solely on publicly available information. As this could have a significant impact on classification and ratings, we recommend additional scrutiny when evaluating those providers.



Products Evaluated

Provider	Product Names	Version	Release Month/Year
Alibaba Cloud	Platform for AI (PAI)	v. 2023	December 2023
Altair	AI Studio	v. 2024.0	April 2024
Alteryx	Designer Analytics Cloud Platform	v. 2024.1 v.2024	May 2024 May 2024
Anaconda	Data Science & AI Workbench	v. 5.7.1	April 2024
AWS	Sagemaker	v. 2024	April 2024
C3 AI	C3 AI Platform	v. 2024	March 2024
Cloudera	CDP Private Cloud Data Services	v. 1.5.4	May 2024
	CDP Public Cloud Data Services	v. 2024	May 2024
Databricks	Mosaic AI	v. 2024	April 2024
Dataiku	Dataiku	v. 2024	March 2024
DataRobot	DataRobot	v. 10.0	April 2024
Domino Data Lab	Domino Enterprise AI Platform	v. 5.10.0	March 2024
Google	Vertex AI	v. 2024	April 2024
H2O.ai	H2O AI Cloud H2O	v. 23.10.2 v. 3.46.01	April 2024
IBM	watsonx.ai	v. 4.8.5	April 2024
MathWorks	MATLAB for AI	v. R2024a	April 2024
Microsoft	Azure ML	v. 2	February 2024
	Azure OpenAI Service	v. 2024	May 2024
NVIDIA	NVIDIA AI Enterprise	v. 5.0	May 2024
Oracle	Oracle AI	v. 2024.2	May 2024



Palantir	Palantir AIP	v. 2024	May 2024
Red Hat	Red Hat OpenShift AI Red Hat OpenShift AI Cloud Service 1	v. 2.9 v. 2024	May 2024 May 2024
Salesforce	Einstein 1 Platform	v. Summer '24	May 2024
SAP	SAP AI Core	v. 2024-4-20	April 2024
SAS	SAS Viya	v. 2024	April 2024
Snowflake	Snowflake ML Snowflake Cortex	v. 1.5.1 v. 2024	May 2024 May 2024
Teradata	Teradata VantageCloud Lake and ClearScape Analytics	v. 2024	May 2024



Providers of Promise

We did not include software providers that, as a result of our research and analysis, did not satisfy the criteria for inclusion in this Buyers Guide. These are listed below as “Providers of Promise.”

Provider	Product	Revenue	Capability	Inter-national	Customers
Clarifai	Clarifai	No	Yes	Yes	Yes
Crowdworks	Crowdworks AI	Yes	Yes	No	Yes
KNIME	KNIME Analytics Platform	No	Yes	Yes	Yes
Pecan	Pecan	No	Yes	Yes	Yes



About Ventana Research

Ventana Research, now part of Information Services Group, provides authoritative market research and coverage on the business and IT aspects of the software industry. We distribute research and insights daily through the Ventana Research community, and we provide a portfolio of consulting, advisory, research and education services for enterprises, software and service providers, and investment firms. Our premiere service, Ventana On-Demand (VOD), provides structured education and advisory support with subject-matter expertise and experience in the software industry. Ventana Research Buyers Guides support the RFI/RFP process and help enterprises assess, evaluate and select software providers through tailored Assessment Services and our Value Index methodology. Visit www.ventanaresearch.com to sign up for free community membership with access to our research and insights.

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