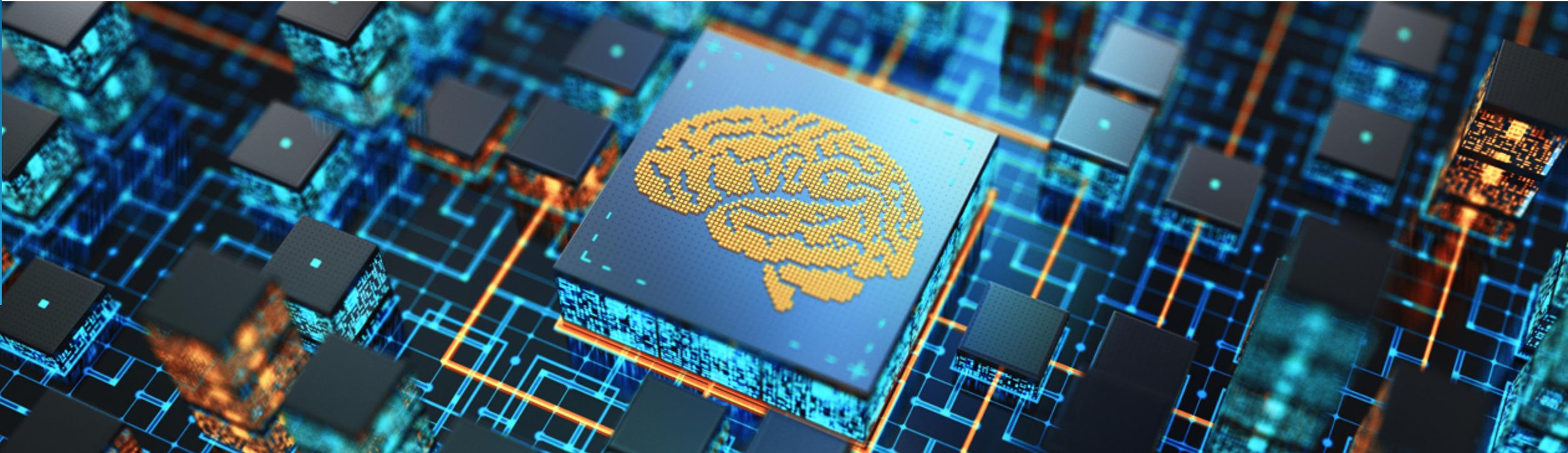


Machine Learning Operations (MLOps) Products – Technology Provider Compendium 2023

November 2022: Complimentary Abstract / Table of Contents



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This report is included in the following research program(s):

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Contents

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1. Introduction and overview	5
• Research methodology	6
• Key information on the report	7
• Background and scope of the research	8
2. MLOps Products PEAK Matrix® characteristics	10
• PEAK Matrix framework	11
• Products PEAK Matrix evaluation dimensions	12
• Everest Group PEAK Matrix for MLOps products	13
• Characteristics of Leaders, Major Contenders, and Aspirants	14
• Provider capability summary dashboard	15
3. Enterprise sourcing considerations	19
• Leaders	19
– DataRobot	20
– Google Cloud Platform (GCP)	24
– Microsoft Azure	28
• Major Contenders	32
– Alteryx	33
– Amazon Web Services (AWS)	37
– Cloudera	41
– Databricks	45

Contents

- Major Contenders (continued)
 - Dataiku 49
 - Domino Data Lab 53
 - H2O.ai 57
 - IBM 61
 - Iguazio 65
 - Katonic 69
 - RapidMiner 73
 - SAS 77
- Aspirants 81
 - Aible 82
 - dotData 86
 - Minitab 90
- 5. Appendix 94**
 - Glossary 95
 - Research calendar 97

Background and scope of research

As data volumes increase exponentially, enterprises are adopting AI and ML capabilities to gain business insights and make decisions. However, enterprises face several challenges in deploying ML models to production at scale. As a result, enterprises are leveraging MLOps to decouple deployment cycles from model development to improve the quality and relevance of model results and achieve business-oriented outcomes and improved experiences for stakeholders. MLOps is a growing market, rapidly evolving in terms of product features, architecture, training and support, deployment options, partner ecosystem, and commercial models. Technology providers can help enterprises to succeed in their AI/ML transformation journey by implementing MLOps across the enterprise.

In this research, we present an assessment and detailed profiles of 18 technology providers featured on the MLOps Products PEAK Matrix®. Each provider profile provides a comprehensive picture of its size and scope of business, product capabilities, partnerships, domain investments, and case studies. The assessment is based on Everest Group’s annual RFI process for the calendar year 2022, interactions with leading MLOps providers, client reference checks, and an ongoing analysis of the MLOps products market.

This report includes the profiles of the following 18 leading MLOps technology providers featured on the [Machine Learning Operations \(MLOps\) – Technology Provider Landscape with Products PEAK Matrix® Assessment 2022](#):

- **Leaders:** DataRobot, Google Cloud Platform (GCP), and Microsoft Azure
- **Major Contenders:** Alteryx, Amazon Web Services (AWS), Cloudera, Databricks, Dataiku, Domino Data Lab, H2O.ai, IBM, Iguazio, Katonic, RapidMiner, and SAS
- **Aspirants:** Aible, dotData, and Minitab

Scope of this report



Geography
Global



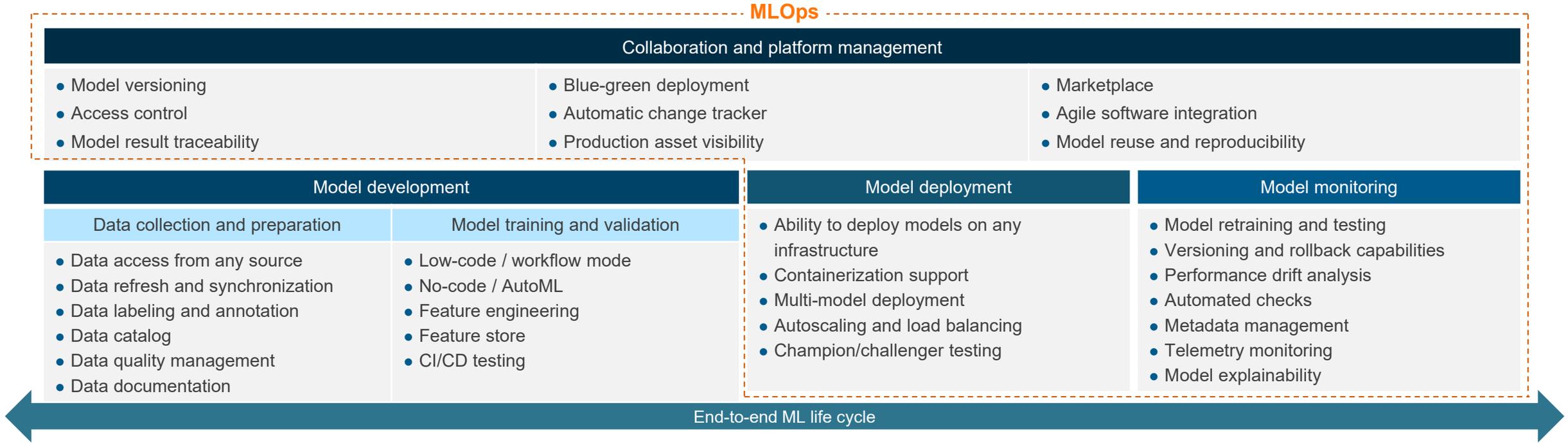
Providers
18 leading MLOps technology providers



Products
Machine Learning Operations (MLOps)

Overview of MLOps

MLOps is a discipline to standardize and streamline ML deployment, monitoring, and other operational attributes to get ML models into production quickly and seamlessly



Benefits of MLOps



The report has 18 provider profiles providing comprehensive view of geography focus, industry focus, MLOps products, partnerships, investments, and case studies

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Provider 1 | MLOps profile (page 1 of 4)

Overview

Company overview
 Provider is an AI company that offers a unified platform that acc... provides clear business outcomes, while operating with diverse d... through enhanced collaboration and continuous optimization acc...

Headquarters: LocationA W

Key leaders

- ABC
- XYZ
- PQR

Overall MLOps revenue (2021)

<US\$10 million	US\$10-20 million	US\$20-
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MLOps products being assessed
 Provider's MLOps Product

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Provider 1 | MLOps profile (page 2 of 4)

Offerings and investments

MLOps product offerings

Product overview	Details
Provider's MLOps Product	A multi-cloud platform that a... datacenters, or at the edge, machine learning operations

Investments to enhance capabilities

Development	Details
Product innovations	Launched new features
Acquisitions	<ul style="list-style-type: none"> • In 2021, acquired ABC to • In 2021, acquired the ML
Technology ecosystem	Became available on Goog

Key partnerships

Service providers
 Provider 1, Provider 2, Provider 3

Machine Learning Operations (MLOps) Products – Technology Provider Compendium 2023

Provider 1 | MLOps profile (page 3 of 4)

Case studies

Case study 1 **Employ explainable AI to improve recruit**

Client: a global talent advisory and solutions company

Business challenge
 Manual interventions while filtering large volumes of CVs cause r... interpretation. The client wanted to eliminate these inefficiencies... processes and improve the hiring attraction pipeline for talent po...

Solution
 The client incorporated MLOps and automated machine learning... sort through résumés effectively, thus reducing time to fill jobs w... pipeline for prospective talent. The project leveraged three metric... accuracy, and interpretability.

Impact

- Reduction in CVs to be reviewed by 37%
- Productivity gain of 10% for recruiters
- Productivity increase for data scientists by three times
- Deployment of 60 projects utilizing more than 3,000 models in

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Provider 1 | MLOps profile (page 4 of 4)

Everest Group assessment – Leader

Measure of capability: Low High

Market impact				Vision & capability					
Market adoption	Portfolio mix	Value delivered	Overall	Vision and strategy	Technology capability	Flexibility and ease of deployment	Engagement and commercial model	Support	Overall

Strengths

- Provider's platform offers data science and MLOps capabilities across the AI life cycle that enables ease and speed of model development as well as the ability to build, test, deploy, and manage a large number of models
- It offers industry solution accelerators and has a well-distributed presence across all major industries, such as Banking, Financial Services, and Insurance (BFSI), Healthcare and Life Sciences (HLS), manufacturing, retail & Consumer Packaged Goods (CPG), and media & entertainment
- Clients appreciate its effectiveness and responsiveness for product support and training

Limitations

- Provider has a premium-priced perception that pushes it down the pecking order for clients looking for MLOps capabilities
- While clients value its ability to enable integration with offerings of prominent technology vendors within cloud, IoT, AR/VR, and NLP/NLG, among others, they face difficulty in integration with enterprise applications such as data platforms, ERPs, and CRMs, among others
- Some clients have indicated difficulties in proactive software maintenance, especially during updates

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Research calendar

Artificial Intelligence (AI)

Published Planned Current release

Reports title	Release date
Machine Learning Operations (MLOps): the Foundation of an Enterprise Built on Artificial Intelligence (AI)	January 2022
Analytics and AI Services Specialists – Service Provider Compendium 2022	February 2022
Artificial Intelligence (AI) Services PEAK Matrix® Assessment 2022	March 2022
Artificial Intelligence (AI) Service Provider Compendium 2022	March 2022
Harnessing the Power of Analytics and AI in Medicine: Life Sciences Enterprises Revamping Processes to Improve Patient Outcomes	May 2022
Unleashing the Power of AI for Business Transformation	May 2022
Machine Learning Operations (MLOps) – Technology Vendor Landscape with Products PEAK Matrix® Assessment 2022	September 2022
Machine Learning Operations (MLOps) Products – Technology Provider Compendium 2023	December 2022
Analytics and AI Services Specialists PEAK Matrix® Assessment 20223	Q1 2023
The Multi-Cloud Era and Associated Data Challenges	Q1 2023
Data Labelling and Annotation Services	Q1 2023

Note: [Click](#) to see a list of all of our published Artificial Intelligence (AI) reports



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