

North America Artificial Intelligence (AI) in Oil & Gas Market 2022-2032 by Component (Hardware, Software & Solutions, Services), Operation (Upstream, Midstream, Downstream), Application (Predictive Maintenance, Production Planning, Material Movement, Field Services, Quality Control), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/N76746B5898DEN.html>

Date: March 2023

Pages: 96

Price: US\$ 2,380.00 (Single User License)

ID: N76746B5898DEN

Abstracts

North America artificial intelligence (AI) in oil & gas market is projected to grow by 11.4% annually in the forecast period and reach \$2,404.9 million by 2032, driven by the need to reduce production and maintenance cost, the rising demand for safety and security standards, the increasing adoption of advanced technologies in oil & gas industry, and the high investments and fast innovation in AI implementation.

Highlighted with 22 tables and 39 figures, this 96-page report “North America artificial Intelligence (AI) in Oil & Gas Market 2022-2032 by Component (Hardware, Software & Solutions, Services), Operation (Upstream, Midstream, Downstream), Application (Predictive Maintenance, Production Planning, Material Movement, Field Services, Quality Control), and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire North America artificial intelligence (AI) in oil & gas market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America artificial intelligence (AI) in oil & gas market in every aspect of the classification from perspectives of Component, Operation, Application, and Country.

Based on Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Software & Solutions

Services

Professional Services

Managed Services

Based on Operation, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Upstream

Midstream

Downstream

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Predictive Maintenance and Machinery Inspection

Production Planning

Material Movement

Field Services

Quality Control

Other Applications

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Component, Operation and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Accenture PLC

C3.AI Inc.

China Petrochemical Corporation

Cisco Systems Inc.

Cloudera Inc.

FuGenX Technologies Pvt. Ltd. (USM Business Systems, Inc.)

Gazprom Neft PJSC

Google LLC

Huawei Technologies Co., Ltd.

IBM Corporation

Infosys Limited

Intel Corporation

Microsoft Corporation

Neudax

NVIDIA Corp.

Oracle Corporation

Royal Dutch Shell PLC

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
- 3.3 Software & Solutions
- 3.4 Services
 - 3.4.1 Professional Services
 - 3.4.2 Managed Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY OPERATION

- 4.1 Market Overview by Operation
- 4.2 Upstream
- 4.3 Midstream
- 4.4 Downstream

5 SEGMENTATION OF NORTH AMERICA MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Predictive Maintenance and Machinery Inspection
- 5.3 Production Planning
- 5.4 Material Movement
- 5.5 Field Services
- 5.6 Quality Control
- 5.7 Other Applications

6 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

- 6.1 Overview of North America Market
- 6.2 U.S.
- 6.3 Canada
- 6.4 Mexico

7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
 - Accenture PLC
 - C3.AI Inc.
 - China Petrochemical Corporation
 - Cisco Systems Inc.
 - Cloudera Inc.
 - FuGenX Technologies Pvt. Ltd. (USM Business Systems, Inc.)
 - Gazprom Neft PJSC
 - Google LLC
 - Huawei Technologies Co., Ltd.
 - IBM Corporation
 - Infosys Limited
 - Intel Corporation

Microsoft Corporation

Neudax

NVIDIA Corp.

Oracle Corporation

Royal Dutch Shell PLC

RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of North America AI in Oil & Gas Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in North America AI in Oil & Gas Market

Table 6. North America AI in Oil & Gas Market by Component, 2022-2032, \$ mn

Table 7. North America AI in Oil & Gas Market: Services by Type, 2022-2032, \$ mn

Table 8. North America AI in Oil & Gas Market by Operation, 2022-2032, \$ mn

Table 9. North America AI in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 10. North America AI in Oil & Gas Market by Country, 2022-2032, \$ mn

Table 11. U.S. AI in Oil & Gas Market by Component, 2022-2032, \$ mn

Table 12. U.S. AI in Oil & Gas Market by Operation, 2022-2032, \$ mn

Table 13. U.S. AI in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 14. Canada AI in Oil & Gas Market by Component, 2022-2032, \$ mn

Table 15. Canada AI in Oil & Gas Market by Operation, 2022-2032, \$ mn

Table 16. Canada AI in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 17. Mexico AI in Oil & Gas Market by Component, 2022-2032, \$ mn

Table 18. Mexico AI in Oil & Gas Market by Operation, 2022-2032, \$ mn

Table 19. Mexico AI in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 20. Accenture PLC: Company Snapshot

Table 21. Accenture PLC: Business Segmentation

Table 22. Accenture PLC: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. North America AI in Oil & Gas Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America AI in Oil & Gas Market

Figure 7. World Population, GDP and Energy Demand, 1990-2030

Figure 8. World Industry 4.0 Market, 2019-2030, \$ bn

Figure 9. World Oil & Gas Offshore and Deepwater Production, 1970-2020

Figure 10. World Crude Oil Production, 2000-2021, million tons

Figure 11. Primary Restraints and Impact Factors of North America AI in Oil & Gas Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of North America AI in Oil & Gas Market

Figure 14. Breakdown of North America AI in Oil & Gas Market by Component, 2022-2032, % of Revenue

Figure 15. North America Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 16. North America AI in Oil & Gas Market by Component: Hardware, 2022-2032, \$ mn

Figure 17. North America AI in Oil & Gas Market by Component: Software & Solutions, 2022-2032, \$ mn

Figure 18. North America AI in Oil & Gas Market by Component: Services, 2022-2032, \$ mn

Figure 19. North America AI in Oil & Gas Market by Services: Professional Services, 2022-2032, \$ mn

Figure 20. North America AI in Oil & Gas Market by Services: Managed Services, 2022-2032, \$ mn

Figure 21. Breakdown of North America AI in Oil & Gas Market by Operation, 2022-2032, % of Sales Revenue

Figure 22. North America Addressable Market Cap in 2023-2032 by Operation, Value (\$ mn) and Share (%)

Figure 23. North America AI in Oil & Gas Market by Operation: Upstream, 2022-2032, \$ mn

Figure 24. North America AI in Oil & Gas Market by Operation: Midstream, 2022-2032, \$ mn

Figure 25. North America AI in Oil & Gas Market by Operation: Downstream, 2022-2032, \$ mn

Figure 26. Breakdown of North America AI in Oil & Gas Market by Application, 2022-2032, % of Sales Revenue

Figure 27. North America Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 28. North America AI in Oil & Gas Market by Application: Predictive Maintenance and Machinery Inspection, 2022-2032, \$ mn

Figure 29. North America AI in Oil & Gas Market by Application: Production Planning, 2022-2032, \$ mn

Figure 30. North America AI in Oil & Gas Market by Application: Material Movement, 2022-2032, \$ mn

Figure 31. North America AI in Oil & Gas Market by Application: Field Services, 2022-2032, \$ mn

Figure 32. North America AI in Oil & Gas Market by Application: Quality Control, 2022-2032, \$ mn

Figure 33. North America AI in Oil & Gas Market by Application: Other Applications, 2022-2032, \$ mn

Figure 34. Breakdown of North America AI in Oil & Gas Market by Country, 2022 and 2032, % of Revenue

Figure 35. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 36. U.S. AI in Oil & Gas Market, 2022-2032, \$ mn

Figure 37. Canada AI in Oil & Gas Market, 2022-2032, \$ mn

Figure 38. AI in Oil & Gas Market in Mexico, 2022-2032, \$ mn

Figure 39. Growth Stage of North America AI in Oil & Gas Industry over the Forecast Period

I would like to order

Product name: North America Artificial Intelligence (AI) in Oil & Gas Market 2022-2032 by Component (Hardware, Software & Solutions, Services), Operation (Upstream, Midstream, Downstream), Application (Predictive Maintenance, Production Planning, Material Movement, Field Services, Quality Control), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/N76746B5898DEN.html>

Price: US\$ 2,380.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N76746B5898DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970