

Middle East AI In Oncology Market Size, Share & Trends Analysis Report By Component (Software Solutions, Hardware), By Cancer Type (Breast Cancer, Lung Cancer), By Application, By End-use, By Country, And Segment Forecasts, 2025 - 2033

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Abstracts

Middle East AI in Oncology Market Trends

The Middle East AI in oncology market size was estimated at USD 111.33 million in 2024 and is projected to grow at a CAGR of 21.94% from 2025 to 2033. The rising prevalence of cancer, growing government initiatives, and technological advancements are significant factors contributing to market growth. Increasing cancer prevalence and growing awareness are boosting the demand for integrating AI-powered algorithms in their solutions. The incidence of cancer is rapidly increasing owing to various factors such as a sedentary lifestyle, poor eating habits, and physical inactivity. Rapid advancements in digital technology, owing to partnerships between government, industry players, and other investors in the healthcare ecosystem, are boosting the growth of the AI in oncology industry in Middle East.

For instance, according to an American Society of Clinical Oncology article published in January 2024, around 27,885 new cancer cases were reported in Saudi Arabia in 2020, and this figure is projected to surge to 60,429 by 2040, marking a significant increase of 116.7%. This sharp rise emphasizes the growing cancer burden in the country, driven by factors such as population growth and aging.

Middle East AI In Oncology Market Report Segmentation

This report forecasts revenue growth at regional and country levels and provides an

analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East AI in oncology market report based on component, cancer type, application, end-use, and region:

Component Outlook (Revenue, USD Million, 2021 - 2033)

Software Solutions

Hardware

Services

Cancer Type Outlook (Revenue, USD Million, 2021 - 2033)

Breast Cancer

Lung Cancer

Prostate Cancer

Colorectal Cancer

Brain Tumor

Other

Application Outlook (Revenue, USD Million, 2021 - 2033)

Diagnostics (Pathology, Cancer Radiology)

Radiation therapy (Radiotherapy)

Research & Development (Drug design, development process, etc.)

Chemotherapy

Immunotherapy

End-use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals

Surgical Centers & Medical Institutes

Others (Pharmaceutical companies, Research institutes & training centers)

Country Outlook (Revenue, USD Million, 2021 - 2033)

Saudi Arabia

UAE

Kuwait

Qatar

Oman

This report can be delivered to the clients within 3 Business Days

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