

Quantum-Artificial Intelligence (AI) Fraud Heatmap Market 2025-2029: Unveiling Growth Developments with Latest Updates

The Business Research Company's Quantum-Artificial Intelligence (AI) Fraud Heatmap Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034

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What Is The Expected Cagr For The Quantum-Artificial Intelligence (AI) Fraud Heatmap Market Through 2025?

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The [market size for quantum-artificial intelligence \(AI\) fraud heatmap](#) has experienced rapid growth in the recent years. It is forecasted to increase from \$2.48 billion in 2024 to \$3.23 billion in 2025, demonstrating a compound annual growth rate (CAGR) of 30.5%. The significant growth during the historical period is a result of the digital transformation in the financial sector, the increasing complexity of cyber threats on digital platforms, the expanding use of quantum computing within security frameworks, a rise in targeted assaults on high-value financial systems, and the

widespread adoption of digital payments.

Expectations are high for significant expansion in the quantum-artificial intelligence (AI) fraud heatmap market in the coming years. Projections estimate that it will reach \$9.29 billion by 2029, experiencing a compound annual growth rate (CAGR) of 30.2%. This predicted growth over the forecast period can be credited to increased acceptance of hybrid deployment models, the broadening of fraud detection in the field of e-commerce, growing requirement for predictive intelligence in cybersecurity, an upsurge in financial fraud incidents, and surging investment in

quantum computing startups aiming at fraud prevention. The forecast period is also expected to see major trends such as progress in hybrid quantum-classical fraud detection models, the integration of AI-enabled heatmaps with blockchain technology, innovations in real-time quantum threat assessment systems, creation of industry-specific quantum-AI fraud tools, and the incorporation of multi-layered security analytics utilizing quantum algorithms.

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What Are The Driving Factors Impacting The Quantum-Artificial Intelligence (AI) Fraud Heatmap Market?

The increasing volume of cyber threats is expected to catalyze the expansion of the quantum-artificial intelligence (AI) fraud heatmap market. Cyber threats, which involve malevolent efforts to damage, disrupt, or unlawfully access digital systems or information, are on the rise due to increased centralization of digital asset storage. This makes them an easy target for hackers. Quantum-AI fraud heatmaps can counter these threats through quantum computing and AI algorithms that can detect unusual activities in real time. This increases security by quickly mapping potential risks which helps in faster decision-making and proactive risk management. As an illustration, a 2024 report by Check Point Software Technologies Ltd., an Israel-based cybersecurity firm, noted that cyberattacks on corporate networks were increasing, with a 30% rise in weekly attacks in the second quarter of 2024 than in the same period in 2023 and a 25% increase from the first quarter of 2024. This signifies that the expansion of cyber threats will likely continue to fuel the growth of the quantum-artificial intelligence (AI) fraud heatmap market. Increased utilization of cloud-based solutions, owing to the advantages of scalability and flexibility they provide in resource management, is expected to push the growth of the quantum-AI fraud heatmap market. These remotely accessible solutions, delivered over the internet, eliminate the need for physical infrastructure. Their adaptability allows organizations to fine-tune resources as per demand while saving on initial heavy infrastructure expenses. They also improve the functionality of quantum-AI fraud heatmaps by facilitating data processing in real-time and ensuring cost-effectiveness and flexibility. For example, Luxembourg's government agency Eurostat reported in December 2023 that the use of cloud services by enterprises increased by 4.2% to 45.2% from 41% in 2021. Thus, this growing trend is likely to boost the quantum-AI fraud heatmap market.

Which Players Dominate The Quantum-Artificial Intelligence (AI) Fraud Heatmap Industry Landscape?

Major companies operating in the quantum-artificial intelligence (ai) fraud heatmap market are Microsoft Corporation, Deloitte Touche Tohmatsu Limited, International Business Machines Corporation, Paysafe Limited, Multiverse Computing S.L., Quandela S.A., Rigetti Computing Inc., IonQ Inc., QC Ware Corp., Hustle Inc., Sandbox AQ Inc., D-Wave Quantum Inc., Quantum Falcon Inc., and AdvanThink Inc.

Global Quantum-Artificial Intelligence (AI) Fraud Heatmap Market Segmentation By Type,

Application, And Region

The quantum-artificial intelligence (AI) fraud heatmap market covered in this report is segmented

- 1) By Component: Software, Hardware, Services
- 2) By Deployment Mode: On-Premises, Cloud
- 3) By Organization Size: Small And Medium Enterprises, Large Enterprises
- 4) By End-User: Banking, Financial Services, And Insurance (BFSI), Retail, Healthcare, Government, Information Technology (IT) And Telecommunications, Other End Users

Subsegments:

- 1) By Software: Fraud Detection Platforms, Risk Analytics Tools, Data Visualization Software, Predictive Modeling Software, Artificial Intelligence (AI)-Powered Monitoring Systems
- 2) By Hardware: Quantum Computing Processors, High-Performance Servers, Data Storage Systems, Networking Equipment, Security Appliances
- 3) By Services: Consulting Services, Implementation Services, Managed Services, Training And Support Services, System Integration Services

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<https://www.thebusinessresearchcompany.com/report/quantum-artificial-intelligence-ai-fraud-heatmap-global-market-report>

Which Region Holds The Largest Market Share In The Quantum-Artificial Intelligence (AI) Fraud Heatmap Market?

In 2024, North America dominated the quantum-artificial intelligence (AI) fraud heatmap market. Moreover, Asia-Pacific is predicted to exhibit the most rapid growth in the prediction period. The regions detailed in the Quantum-AI Fraud Heatmap Global Market Report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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