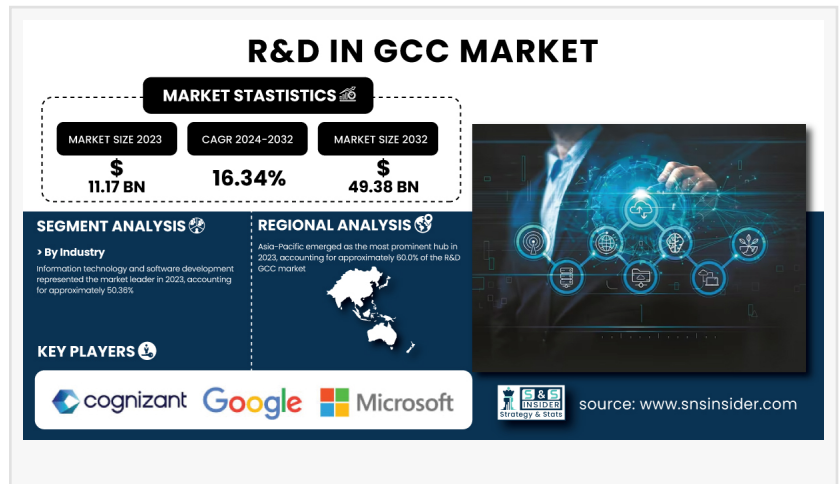


# R&D in GCC Market to Reach USD 49.38 Billion by 2032, Driven by Innovation in AI and Digital Transformation | SNS Insider

R&D in GCC Market was valued at USD 11.17 Bn in 2023 and is projected to reach USD 49.38 Bn by 2032, growing at a 16.34% CAGR from 2024-2032, per SNS Insider.

AUSTIN, TX, UNITED STATES, February 14, 2025 /EINPresswire.com/ -- The SNS Insider report indicates that the [R&D in GCC Market](#) was valued at USD 11.17 billion in 2023 and is expected to reach USD 49.38 billion by 2032,

growing at a CAGR of 16.34% over the forecast period of 2024-2032. The rapid adoption of AI, IoT, and cloud computing in Global Capability Centers (GCCs) is fueling the demand for advanced R&D operations worldwide.



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Some of Major Keyplayers:

- Accenture
- IBM
- Tata Consultancy Services (TCS)
- Wipro
- Cognizant
- Saudi Aramco
- Qatar Petroleum
- Emirates National Oil Company (ENOC)
- Siemens
- Microsoft
- Huawei
- Riyadh Techno Valley
- Dubai Silicon Oasis Authority (DSOA)

- Gulf Organization for Research and Development (GORD)
- Frost & Sullivan

### By Technology: AI & Machine Learning Lead, Cloud Computing Registers Fastest Growth

Artificial Intelligence & Machine Learning segment dominated the market and captured a market share of more than 53.3% because this technology has a very huge impact on automation, predictive analytics, and cognitive computing. GCCs are deploying AI to improve operational efficiencies, strengthen cybersecurity, and build intelligent applications for different sectors. With the importance of the capacity to process large datasets, automate decision-making, and personalized customer experiences, AI has become a core area for research and development attention.

The Cloud Computing segment is anticipated to register the fastest CAGR during the period 2024-2032 due to the rapidly growing adoption of cloud-based research infrastructure. More GCCs are building cloud solutions to support remote collaboration, data storage, and AI-driven analytics. With the benefits of scalability, flexibility, and affordability, cloud R&D environments have become the preferred option for enterprise to scale their innovation capabilities.

### By Industry: IT & Software Development Dominate, Pharma & Biotechnology See Fastest Growth

The IT and Software Development segment dominated the market and accounted for a revenue share of more than 50.3%, where GCCs have contributed heavily to software evolution, development of cyber security capabilities, and next-gen application development. Tech giants lean on GCCs for faster product delivery, better cloud security, and the development of market-specific AI applications at scales.

The Pharmaceutical & Biotechnology Segment is expected to register the fastest CAGR, owing to rising investments towards R&D across drug discovery, clinical trials, and precision medicine. GCCs in the biotech R&D space are applying leading-edge AI and big data analytics capabilities among others to fast-track medical research, gene & drug discoveries, patient optimization, and outcomes.

### R&D in GCC Market Segmentation:

#### By Industry

- Information Technology (IT) and Software Development
- Pharmaceutical and Biotechnology
- Manufacturing and Engineering
- Consumer Electronics
- Automotive

## By Technology

- Artificial Intelligence and Machine Learning
- Cloud Computing
- Internet of Things (IoT)
- Biotechnology Tools

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## Asia-Pacific Dominates, North America Registers Fastest Growth in R&D GCC Market

Asia-Pacific dominated the R&D in the GCC Market and represented a significant revenue share in 2023, driven by its cost-effective infrastructure, abundant skilled workforce, and increasing foreign investments. Countries like India, China, and Singapore have become global hubs for AI research, biotech innovation, and IT services, attracting multinational corporations to establish cutting-edge R&D GCCs. The region benefits from government support, a strong digital transformation ecosystem, and rising demand for cloud-based research solutions. With continuous advancements in AI, cybersecurity, and biotech, Asia-Pacific is expected to maintain its leadership position in the coming years.

North America is projected to witness the fastest CAGR during 2024-2032, fueled by strong investments in AI, cloud computing, and biotechnology R&D. The region is home to leading tech giants like Google, IBM, and Microsoft, which continue to expand their GCCs for AI-powered automation, cybersecurity, and advanced software development. The United States and Canada are also seeing increased collaborations between academia, government, and private enterprises, further accelerating cutting-edge research and technological breakthroughs. With a robust innovation ecosystem and growing demand for AI-driven solutions, North America is set to experience rapid expansion in R&D GCC activities.

## Recent Developments in R&D GCC Market

- January 2024 – IBM expanded its AI research GCC in Singapore, focusing on AI-driven cybersecurity and quantum computing innovations.

- February 2024 – Google established a new AI and cloud R&D center in India to accelerate machine learning advancements.

- March 2024 – Novartis announced the expansion of its biotech R&D GCC in Switzerland, emphasizing precision medicine and AI-assisted drug discovery.

Access Complete Report: <https://www.snsinsider.com/reports/randd-in-gcc-market-4726>

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