

# ADVANCED ANALYTICS HAS NEVER BEEN EASIER

## **GRAPH ANALYTICS FOR ALL**

TigerGraph Cloud, the industry's first and only distributed native graph database-as-a-service, helps businesses harness the power of the graph. It is built for people who'd rather be building innovative applications that deliver new insights than managing databases.

Historically, organizations have had to rely on data scientists to design their graph analytics solutions. This has changed with TigerGraph Cloud, which makes graph accessible to all. TigerGraph Cloud is an easy-to-use service that is the ideal way to process analytical and transactional workloads in real-time. It allows users to get started in minutes, build a proof-of-concept model in hours and deploy a solution to production in days. TigerGraph Cloud eliminates the need to set up, configure or manage servers, schedule backups or look for security vulnerabilities. It also enables users to scale their graph solution up to tens of terabytes and support more than 100,000 real-time deep link analytics queries per second on a single machine.

TigerGraph Cloud delivers simplicity and its elastic pricing means users only pay for the hours they use. It's ability to do SQL-like database computation along with ACIDcompliant transactions benefits users with a lower totalcost-of-ownership compared to other platforms. Moreover, businesses can use the cloud vendor of their choice as TigerGraph Cloud is available on Amazon Web Services and Microsoft Azure.



## THE TIGERGRAPH CLOUD NO-CODE PIPELINE

With just a few clicks, everyone from data scientists to business users, in organizations of all sizes, can leverage an innovative no-code pipeline and infrastructure stack to run queries faster than ever before.

## **ADVANTAGES**

#### HEADACHE FREE

No hardware to buy or deploy or configure or manage Scaling up/down and provisioning are simple and straightforward. Plus, it's managed by the same experts who developed TigerGraphDB.

#### ALWAYS ON

Be confident that your service will never go down with our high availability architecture Moreover, we'll support you 24/7 and backup your data automatically.

#### **PRIVATE ACCESS**

Access your services over dedicated private networks, powered by private links and cloud VPC peerings

### SECURE

You can rest assured that your data is safe and secure because our availability, processing integrity, confidentiality, and privacy processes fully comply with SOC 2 Type II requirements.

## OUTSTANDING PERFORMANCE

Obtain answers to your queries with lightning speeds, even with massive datasets, because of our auto-partitioning and parallel processing.

### FLEXIBLE PRICING

Pay as you go, with a range of instances to fit your needs. We'll give you a \$25 credit to get started, and there's even a free tier.

### CLOUD PLATFORM CHOICE

Run TigerGraph Cloud on AWS, Google Cloud, or Microsoft Azure. It's up to you.

### USE CLOUD CREDITS

Apply your existing marketplace credits towards TigerGraph Cloud usage.

# "TigerGraph Cloud is allowing our fraud prevention team to fully utilize data science to truly take the lead in the fraud prevention space."

Jamie Burns, Senior Manager, Transactional Fraud, First Party and Intelligence, NewDay

## **POWERFUL AND VERSATILE**

## RAPID PROVISIONING

Configure distributed graphs and replica instances for high availability and large production datasets. Users can start for free, then expand across clusters as their data size increases.

#### **BETTER AI / M**

The ideal platform for developing and running applications for artificial intelligence / machine learning. A rich library of starter kits is available including:

- In-Database Machine Learning Recommendation provide content and product suggestions using an in-database machine learning recommendation system.
- In-Database Machine Learning for Big Data Entity Resolution—match, link and group entities for creating a single identity across large datasets with indatabase machine learning.

- Low-Rank Approximation Machine Learning implement the low-rank approximation technique natively in-database to deliver personalized recommendations as well as other use cases.
- No-Code Query Writing—build and run graph queries using drag-and-drop functionality, enabling "citizen" data scientists to reap the benefits of advanced graph analytics.
- No Code Migration—unlock the massive potential in relational data stores (database instances, data warehouses, data marts) by providing a no-code path to convert schema and load data to a graph.
- Easy Administration—intuitive dashboard shows you graphical summaries of all your deployed Solutions, your usage, and the latest account activity. Within each solution, the Admin Portal provides visual interfaces for system monitoring, user management, and backup/restore.
- Robust-scalability and high availability for continuous service. Built-in back and restore for disaster recovery

## **TIGERGRAPH CLOUD STARTER KITS**

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		a Graph Analytics - Community Detection Algorithms v3.6.0	Oraph Analytics - Shortest Path Algorithms v3.6.0	Graph Convolutional Networks     V3.6.0	
		Healthcare - Referral networks, Hub(PageRank) & Community Detection v2.6.0	Healthcare Graph (Drug Interaction/FAERS) v3.6.0	In Oatabase Machine Learning     Recommendation v3.6.0	
		In-Database Machine Learning for Dig Data Entity Resolution v3.6.0	Low-Rank Approximation Machine Learning v2.6.0	Machine Learning and Real- time Fraud Detection v3.6.0	
		Network and IT Resource Optimization v3.6.0	(Movie Recommendation) v3.6.0	Recommendation Engine 2.0     Otyper Personalized     Morketing) v3.6.0	
		Social Network Analysis v2.6.0	Supply Chain Analysis v2.6.0	•	
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There are over 20 TigerGraph Cloud Starter Kits built with sample graph data schema, dataset, and queries focused on a specific use case such as Fraud Detection, Recommendation Engine, Supply Chain Analysis and/or a specific industry such as healthcare, pharmaceutical or financial services. See the full list of Cloud Starter Kits: https://www.tigergraph.com/starterkits

## FUNCTIONALITY

### CONVENIENT

- Organizations—multiple people within an organization are able to use the same account, with access privileges based on role.
  - More and better collaboration between users.
  - Single, unified login across both on-premise and cloud instances.
  - Simplified billing, auditing, management for all TigerGraph Cloud usage across the enterprise.
- Individuals—users can open an account as an individual in just a few minutes. We'll give you a \$25 credit to get started, and there's even a free tier.

## SECURE

- SOC-2 Compliance—trusted processes and controls for governing data.
- Private links—unidirectional access from client networks, with encryption in transit and at rest. Secure and isolated network that blocks access from outsiders.

## EASY

• Pre-loaded Starter Kits—build a complete proof-ofvalue in mere hours from one of over 20 starter kits that cover real-world industry use cases. Starter kits are pre-built with sample graph data schema, dataset, and queries.



TigerGraph Cloud enables everyone, from seasoned professionals to citizen data scientists, to unlock smarter insights at scale via graph.



# Intuit



## opencorporates







IPPEN DIGITAL PLATTFORM

## **CUSTOMER BENEFITS:**

- Real-time fraud detection at 7 out of the world's top 10 global banks
- Care path recommendations for 50 million patients
- Personalized offers for 300 million consumers
- Energy infrastructure optimization for 1 billion people

"With TigerGraph we can join sources of data together and make connections within the data that previously we couldn't. We can now answer questions that, for the last 20 years, we didn't think were possible to ask."

Harry Powell | Director of Data & Analytics Jaguar Land Rover

## **START NOW**

There's never been a better time to upgrade to graphbased analysis and organizations who have done so are outperforming their competition. TigerGraph Cloud makes switching to graph easier than ever and, best of all, it's **FREE** to get started.

Visit tigergraph.com/cloud/ to learn more.



TigerGraph is the only scalable graph database for the enterprise. TigerGraph's proven technology connects data silos for deeper, wider and operational analytics at scale. Four out of the top five global banks use TigerGraph for real-time fraud detection. Over 50 million patients receive care path recommendations to assist them on their wellness journey. 300 million consumers receive personalized offers with recommendation engines powered by TigerGraph. The energy infrastructure for 1 billion people is optimized by TigerGraph for reducing power outages. TigerGraph's proven technology supports applications such as fraud detection, customer 360, MDM, IoT, AI, and machine learning.

For more information visit www.tigergraph.com and follow us at: Facebook Twitter LinkedIn | Contact us at sales@tigergraph.com