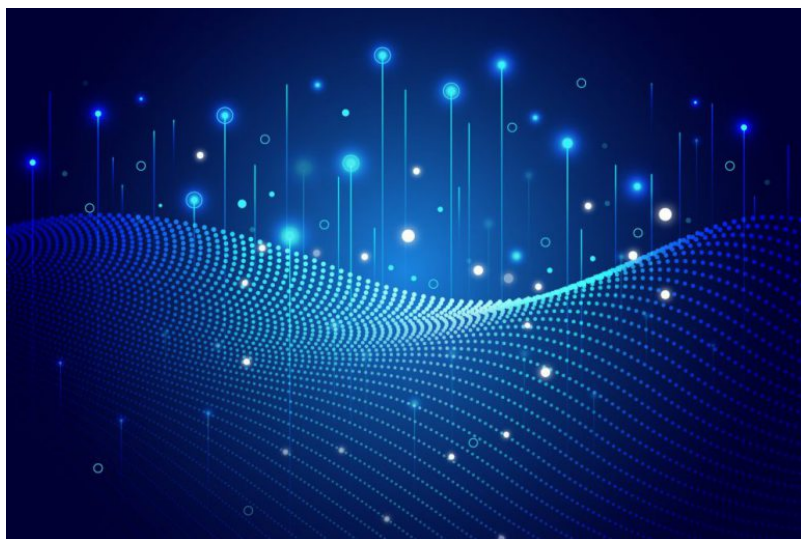# GigaSpaces Puts Big Data Platform on Amazon Cloud

Written by Alice Marshall
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GigaSpaces announces the InsightEdge In-Memory Computing platform is now available on AWS Marketplace, addressing the speed challenges faced by organisations in big data stacks around latency, ingestion rate and scale.

InsightEdge is a scalable software platform able to co-locate business logic, analytics and data processing in the same memory space to bring about "extreme" performance. It runs analytics and machine learning models simultaneously on streaming, transactional and historical data, improving the speed and quality of insights from big data.

The platform supports AWS services, including Amazon Elastic Container Service for Kubernetes (Amazon EKS), making it easy to deploy, manage and scale containerised applications using Kubernetes on AWS. InsightEdge ingests, processes and analyses streaming data from Amazon Kinesis and simultaneously accesses historical data stored on widely used databases, data lakes and data warehouses, including Amazon DynamoDB, Amazon Relational Database Service (RDS), Amazon RedShift and Amazon Simple Storage Service (S3), enabling real-time decision making based on live and historical data in sub-second latency.

An AnalyticsXtreme module automatically moves data from the InsightEdge speed layer to Amazon S3 and EMR. The mechanism ensures data is efficiently stored in the right storage layer based on performance, while optimising infrastructure costs across the entire solution and data lifecycle. Data lakes access can be accelerated by up to x100, reducing time to run batch analytics by "orders of magnitude." The solution also provides a single logical view of data spanning across real-time and data lakes, including SQL, Spark dataset/DataFrame and BI

tools such as Tableau and Looker.

The service is available across AWS regions in Europe based on data capacity through AWS. A 14-day free trial is also available.

Go [GigaSpaces Big Data Analytics Processing Platform Now Available on Amazon Web Services](#)