

# Optimize your business performance with **the power of Elastic**

## CASE STUDY



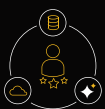
### About Client

Leading retail  
commercial bank of India



### Industry

Banking



### Service

Data analytics



# Business **Need**

Discover your business insights with ease using Business Analytics tools.

# Business **Challenge**

Our client India's leading retail bank was looking out for ways with which they can track down all their data (structured/unstructured) and get a deeper insights into it. They wanted to collate all the usable information onto a single platform, analyzing the key performance indicators (KPIs),

metrics and goals in one place and create and share the reports with near real-time data. They were looking for a Business Intelligence solution that could provide a single, consolidated view of data, search data in a blink of an eye, and systematically track sent SMS/e-mails.

# Business **Solution**

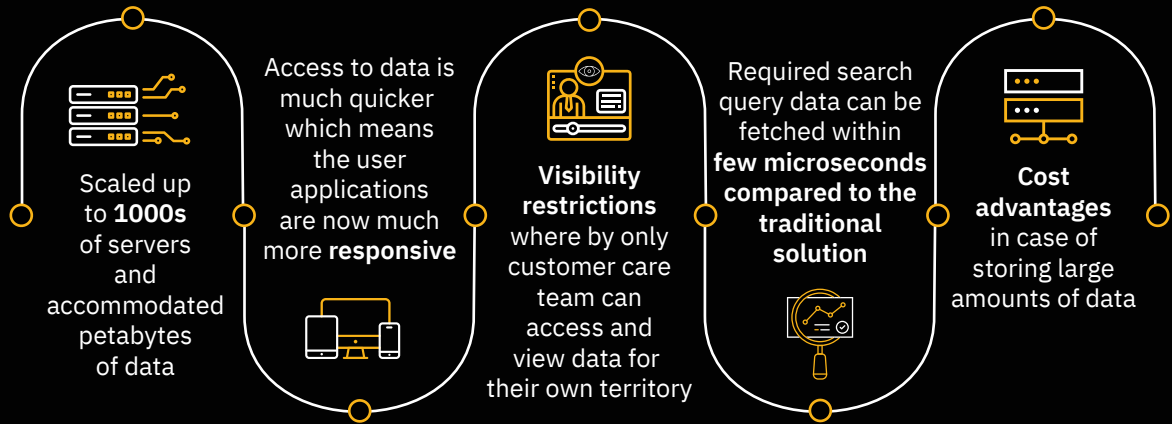
NSEIT's team of experts closely worked with the client to understand and comprehend their business requirement. After understanding the requirement NSEIT experts set up a Business Analytics Solution powered by Elastic. We integrated their relational databases to Elasticsearch, and also created Elasticsearch document for combination of relational fields, thereby integrating all the data points with each other for seamless business insight. NSEIT team developed a customized dashboard for the client for them to track their KPIs and other metrics and goals seamlessly, in real-time. We used the following Elastic Stack components for delivering the results:

- **Logstash:** Logstash with JDBC input plugin is used to ingest data in any database
- **Elasticsearch:** Real-time, distributed storage, search, and analytics engine. Elasticsearch excels at indexing streams of semi-structured data, such as logs or metrics
- **Kibana:** Open source analytics and visualization platform designed to work with Elasticsearch. Kibana was used to search, view, and interact with data stored in Elasticsearch. This enabled advanced data analysis and visualization of data in a variety of charts, tables, and maps

# Technology **Stack**



# Business Impact



**NSEIT Limited** is a digital native technology company that engineers world-class solutions to help our global customers accelerate their digital transformation journeys. Our key service pillars are Application Modernization, Business Transformation, Data Analytics, Infrastructure & Cloud Services, and Cybersecurity, through which we create intuitive digital experiences and tangible business impact. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.

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