

# SNOWFLAKE MIGRATION

## WHY MIGRATE TO THE CLOUD

Are you able to bring new data use cases to life in a short period of time?  
Can you scale your data warehouse compute and storage up and down instantly?  
Does your data warehouse support your company's data science needs?  
Do you know what is happening with your data and who is using it?

If **your answer** to the above questions is **NO**, then **it might be time to migrate**.

## WHY IS SNOWFLAKE THE BEST OPTION

- » Snowflake is a cloud native data platform. Its scalable architecture and real-time data sharing capabilities enable quick, efficient data insights for data-driven decision making.
- » Snowflake's data warehouse works as a SaaS and fully managed solution, making it seamless experience without a need of doing upgrades, indexing or patching.
- » The flexible pay-as-you-go model enables users to easily scale their usage up or down, making it a cost-effective solution for businesses and individuals with variable needs.

## MAIN BENEFITS OF SNOWFLAKE



Snowflake allows you to increase your computing power on-demand and increase concurrency automatically. No up-front infrastructure commitment is required.



Instantly create new dev and test environments. There is no copying of data which means significant savings on storage costs.



Compliant with government and industry standards, security features like dynamic data masking, end-to-end encryption, and access policies keep data protected.



Share data internally or externally in a secure way. Monetise aggregated data on the Snowflake Marketplace.



## SNOWFLAKE VS. THE REST

	SNOWFLAKE	OTHERS
<b>USABILITY</b>	Easy to use, multi-cloud, near-zero administration, automated upgrades, no downtime, zero copy cloning and time travel available.	Scaling can take even hours for larger clusters; some warehouses require outage to scale. Auto-scaling with severe limitations.
<b>SCALE</b>	Unlimited scalability in compute and storage, compute clusters access the same data allowing for data to be added or removed instantly.	Scaling can be disruptive and costly, often involves query plans and upgrades. Most of the competitors use pre-cloud architecture ported to cloud.
<b>ELASTICITY</b>	Pay for what you use, instant up and down as well as in and out scaling. Seamless auto-scaling available.	Scaling can take even hours for larger clusters; some warehouses require outage to scale. Auto-scaling with severe limitations.
<b>PRICING</b>	Pricing model is easy to understand with compute charged per actual usage, storage charged post compression. No hidden costs.	Frequent hidden costs, slow scaling leads to charges for unneeded resources. Sometimes charges for standby compute nodes.
<b>SECURITY</b>	Full encryption, simple and effective governance and role-based access model. Automatic high availability, configurable multi-cloud disaster recovery.	Key management overhead, data sometimes not encrypted in transit, limited dynamic masking and external tokenization capabilities.
<b>DATA SHARING</b>	The only solution with cross-cloud and cross-region secure live data sharing. Data marketplace with many offerings worldwide.	Sometimes not available at all, if available, mostly snapshotted data in single cloud or even single region.

**READY TO MIGRATE TO SNOWFLAKE?**

**CONTACT US**

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Sydney | Prague | London | Singapore | Frankfurt | Warsaw | Stockholm | San Diego | Bangalore | Wellington



## WHAT WE DELIVER

- » Global experience and knowledge from multiple industry verticals with a strong delivery team.
- » Vast experience with Snowflake projects, including migrations, green-field implementations and ongoing development and improvements.

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**14+** YEARS OF EXPERIENCE    **10** BRANCH OFFICES ON 4 CONTINENTS    **300+** EXPERTS GLOBALLY    **200+** GLOBAL PROJECTS    **35+** FORTUNE 500 CLIENTS

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**Snowflake Select  
Partner in EMEA**

**APJ Partner  
of the Year 2022**

**40+ certified  
experts**



Billigence advises businesses to leverage the Snowflake platform to its fullest potential.

We help identify use cases and possible expansion within Snowflake data platform. For example, move beyond data warehouse to data science, data sharing, real time analytics, unstructured data etc.

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## OUR 7-STEP APPROACH TO SNOWFLAKE CLOUD MIGRATION

### 1. Migration Scoping

Define the scope and prepare a detailed plan for the migration.



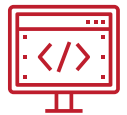
### 2. Platform & Security Setup

Set up the platform and enable top notch security features before bringing the data in. This includes SSO, role structure, data security and much more.



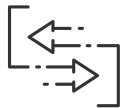
### 3. Code Conversion

DDL, procedures and scripts must be adjusted to work in Snowflake. Success of this phase is dependent on proper scoping and exploratory work.



### 4. Data Migration

Movement of data from legacy systems to Snowflake. Methods and effort depend on the size and complexity of the underlying data.



### 5. Data Ingestion & Orchestration

Re-pointing of data pipelines to Snowflake and establishment of orchestration framework. Existing tools can be re-used, or a brand-new approach can be established.



### 6. Data Reconciliation

Accurate alignment and consistency between the two platforms as part of the transition process. During the period of temporary co-existence, data validation between Snowflake and a legacy warehouse is essential.



### 7. Reporting & Analytics Tools

Re-pointing reporting / analytics tools facilitates a seamless transition with enhanced analytics potential. This phase is crucial for success of the migration.

