

AGENTUS

A Data and AI Consultancy

Who We Are

Argentus is a data engineering and AI focused company.

We are dedicated to working with businesses to build data infrastructure from the ground up to ensure that AI adoption and reporting at your institution is maximally successful.



The Business Value of AI

With 10% of the global population using ChatGPT on a weekly basis, it is safe to say that AI is here to stay. Whether it be in automation, custom chat applications, or as companion workers, it is increasingly obvious that businesses stand to benefit tremendously from AI adoption.



Whether they know it or not, every organization is on a Journey towards AI Adoption; some will wake up to this fact early and adapt to a world that has already changed, and others will not. We are here to guide you in this journey, and to help you succeed where others have failed.



What We Do

At Argentus, we are Data Engineering specialists, and we are dedicated to giving your organization a huge operational boost. We do this by carefully planning how to work with your unique data, and then centralizing it in a Data Warehouse for easy analytics and AI use.



Our Services

- Data Engineering

- Analysis

- Cost Reduction

- Data Warehousing

- Cloud Development

- AI + ML



How We Do It

Our Tech Stack

While we are able to support a wide variety of technologies, we prefer to work with Snowflake on top of AWS; we genuinely believe this the best possible Data Warehousing combo.

- ❖ Snowflake
- ❖ AWS
- ❖ Python
- ❖ JavaScript
- ❖ Fivetran
- ❖ SQL
- ❖ LangChain
- ❖ LangGraph
- ❖ Pinecone
- ❖ dbt

Our Methodology

We recognize that the real blocker in building data infrastructure is actually understanding the business context; we initially prioritize getting to know your unique situation, and after that building pipelines becomes easy!

We carefully plan how to meet data regulations in your area, and then design simple but powerful architectures to meet your exact needs. We only implement AI if it would actually be useful.



How We Do It

A Case Study

The Problem

Suppose that your organization is a large research university, working with a variety of applications that support staff and students. Your ERP system is SAP 4/HANA, invoicing is managed via Coupa, travel via Concur, and the university manages another two database systems supporting day-to-day student and staff activities, with a bespoke data warehouse (built by your in-house analytics team over the last 20 years) on top of all of that.

Using all of this data, whether it be for AI initiatives or just conventional analytics, is extremely challenging due to it being spread out over multiple differing systems. This significantly lowers the value of this data, and the institute misses out on the value of using the data.



How We Do It

A Case Study Step 0 – Context



Any data project is typically unique in its requirements and roadblocks. We spend a good deal of time gathering context on both, and understanding your business goals in general.

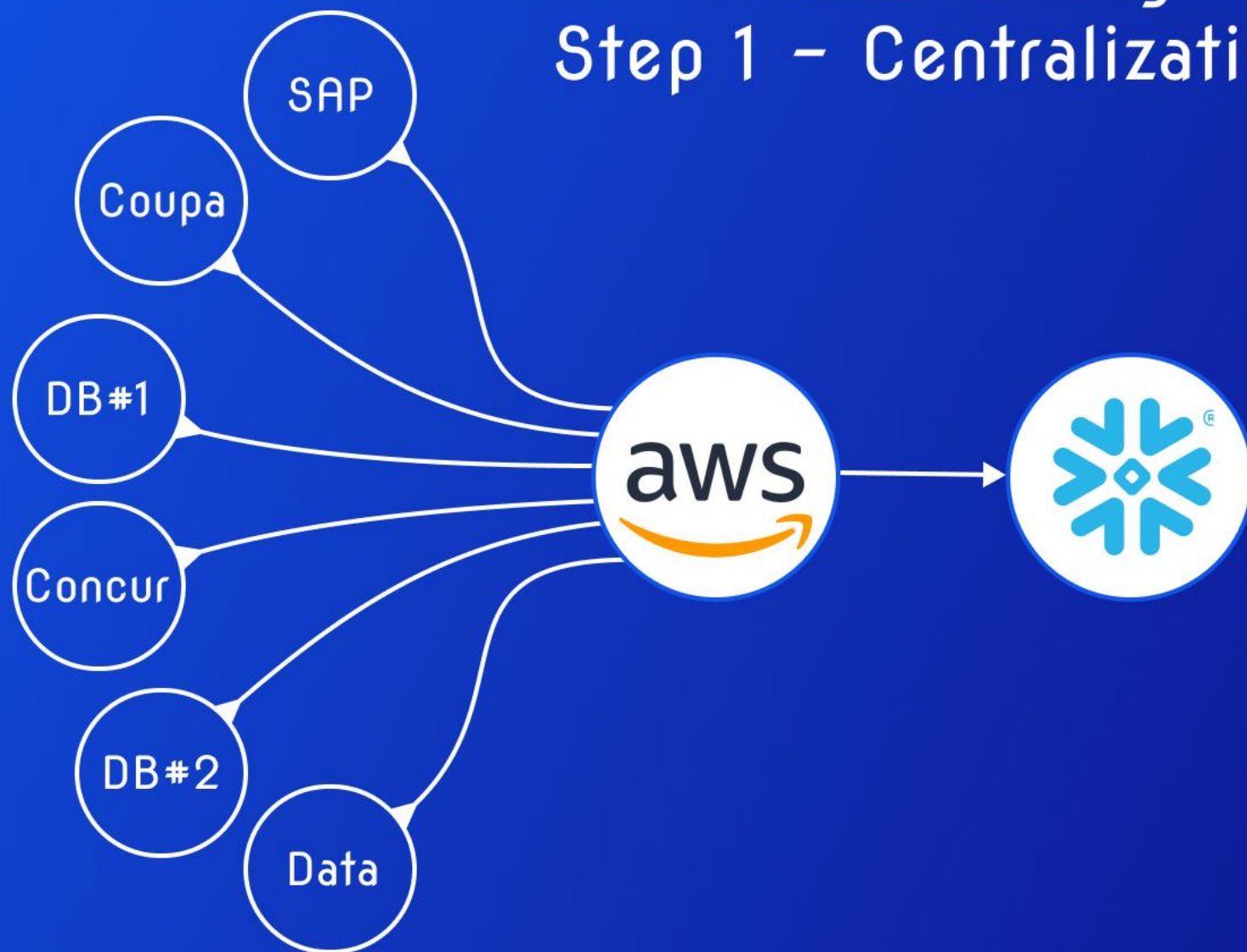
We believe that this context gathering step is the most important in the data engineering lifecycle. We extensively plan how to govern and maintain your data, and prepare architectures that comply with data processing regulations.



How We Do It

A Case Study

Step 1 – Centralization



After gaining a good understanding of your data, we work centralizing data from these disparate systems in one AWS instance, making use of AWS's wide suite of data engineering tools.

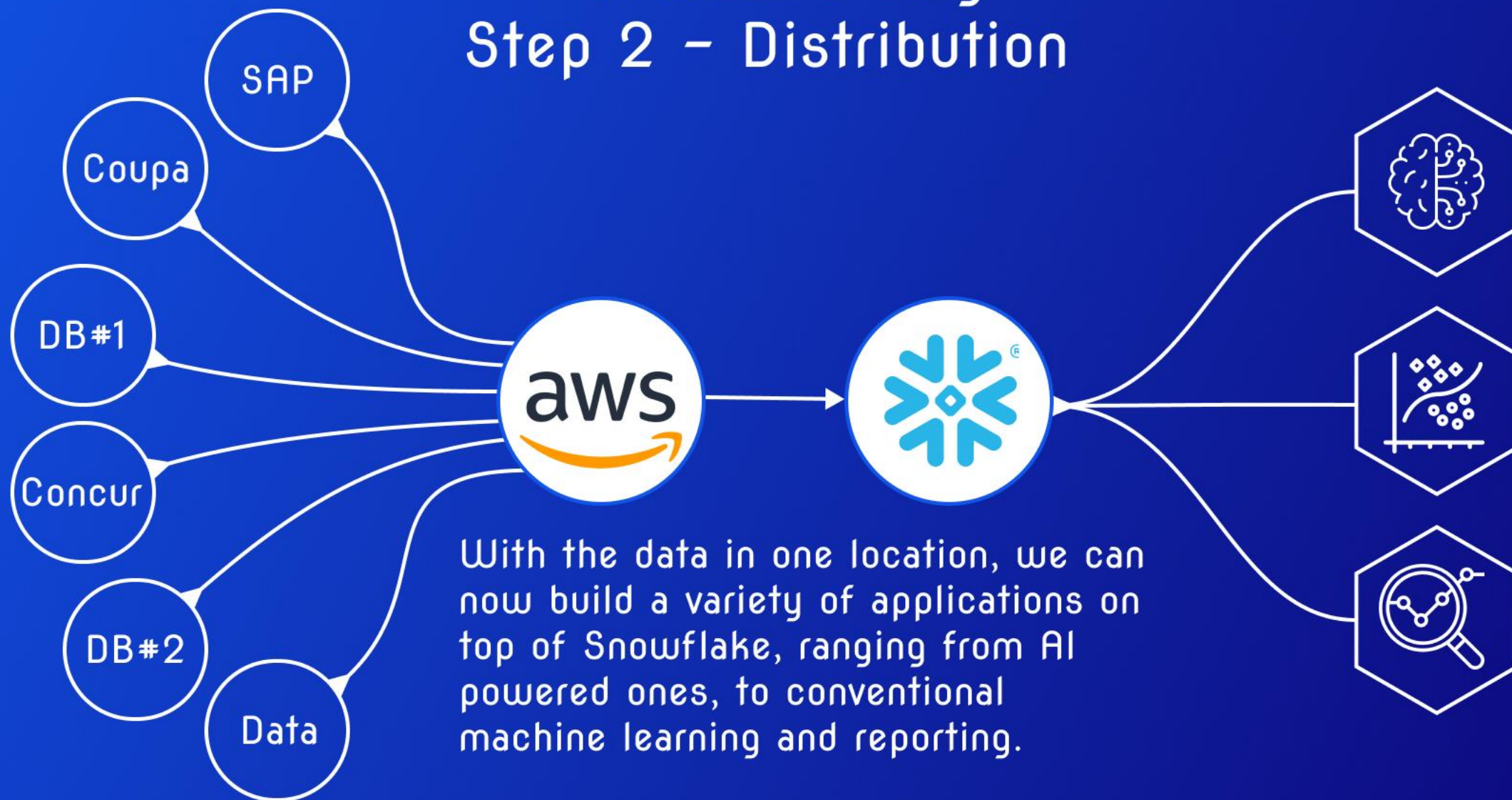
We then build out a data warehouse in Snowflake, and easily send the data over.



How We Do It

A Case Study

Step 2 – Distribution



Contact Us

We would love to get to know your problems better, so we can solve them for you! Please feel free to reach out to us, we offer free initial consultations to get to know how we could help you.

Email Address
contact@argentus.io

Website
argentus.io

