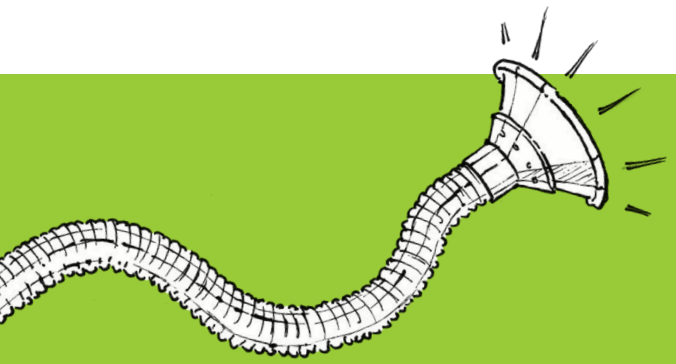
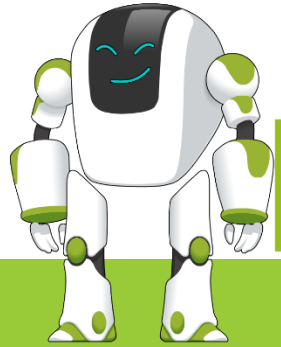
2150 GmbH

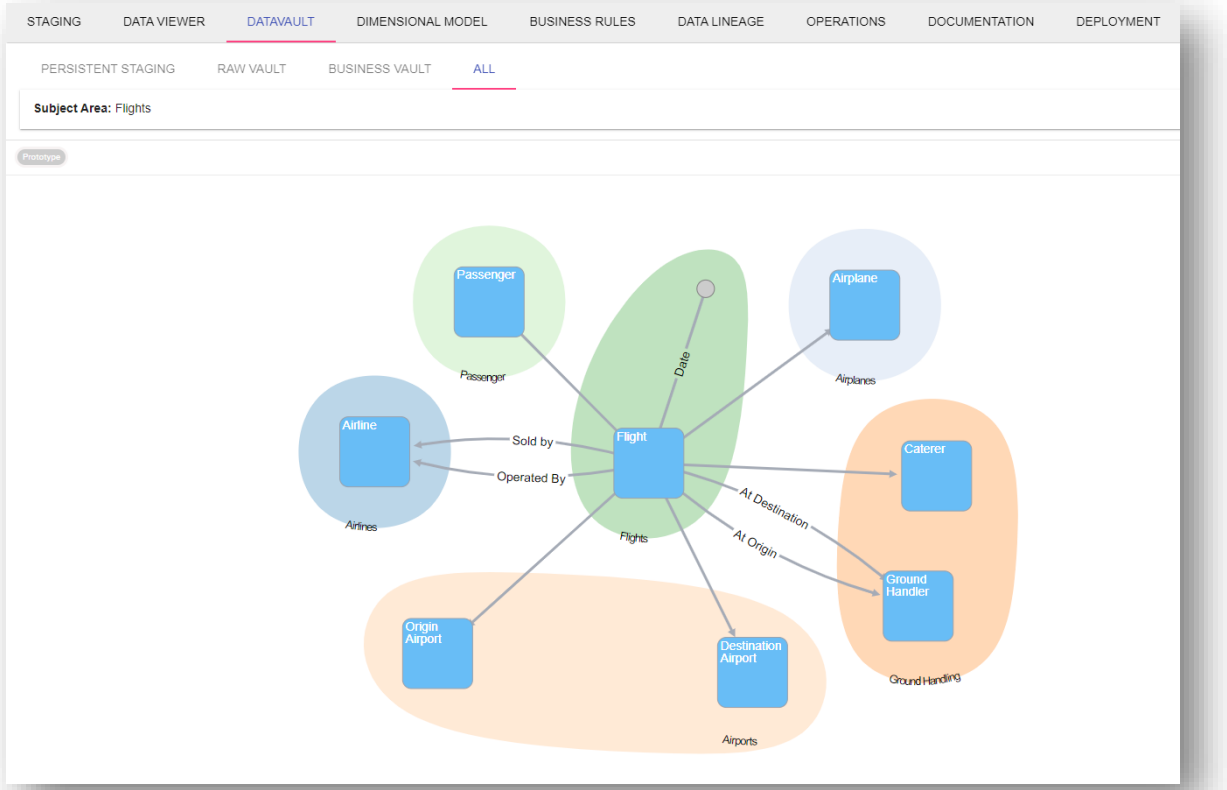




Datavault
BUILDER

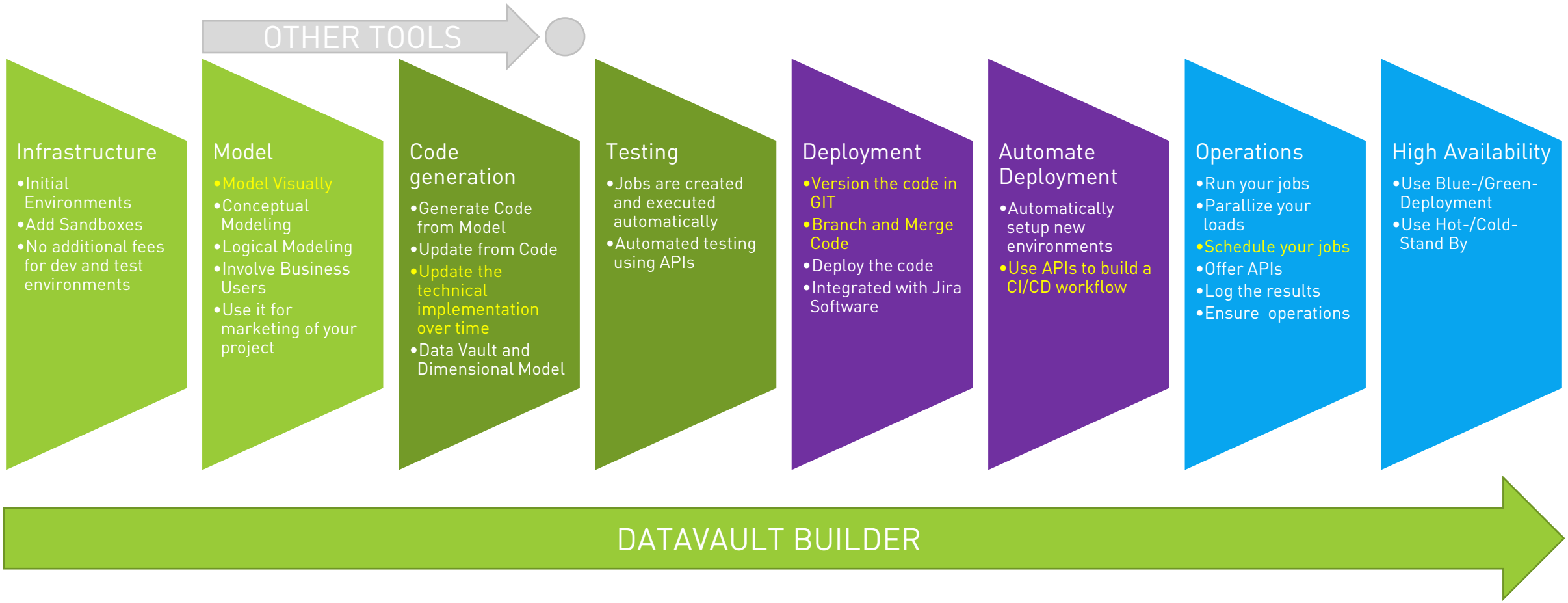
What is Datavault Builder?

- Model-driven DWH automation tool
- Works primarily with the ELT approach
- Unleashes the performance of the analytical databases

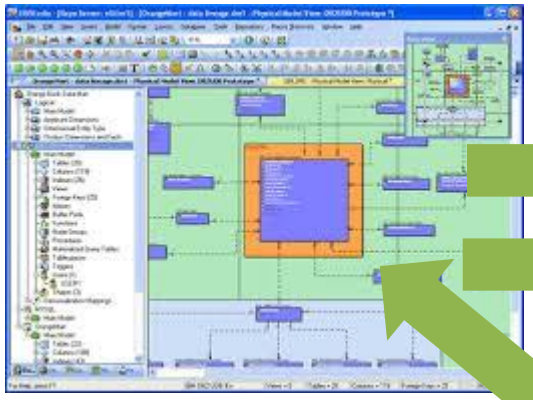


Datavault BUILDER

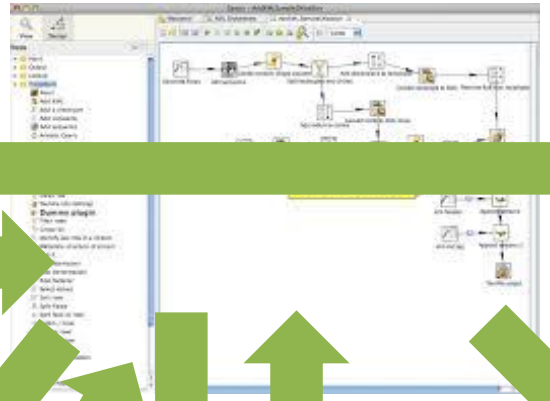
COVERING THE FULL DWH LIFECYCLE



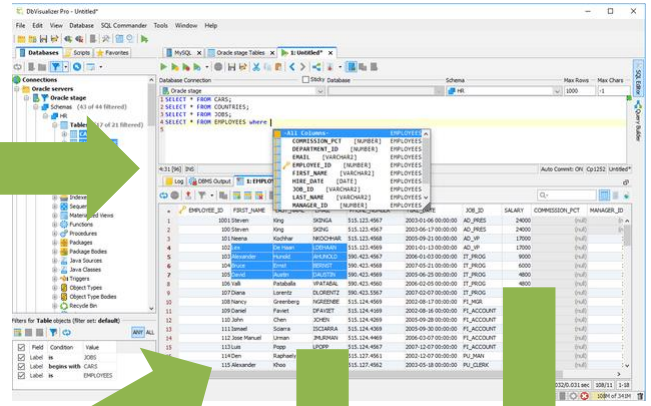
Datavault BUILDER



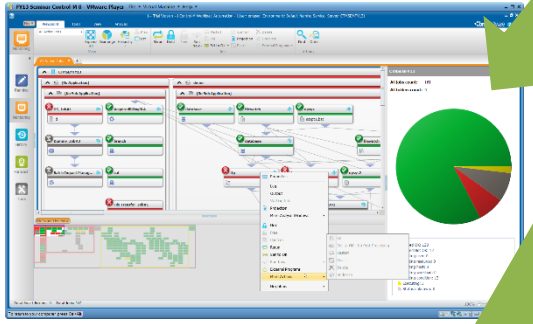
Data Modeling



ET

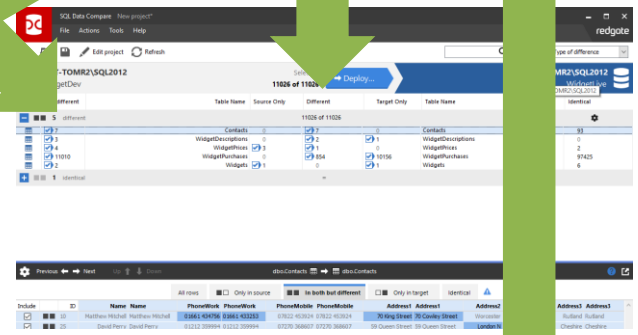


D ase Client



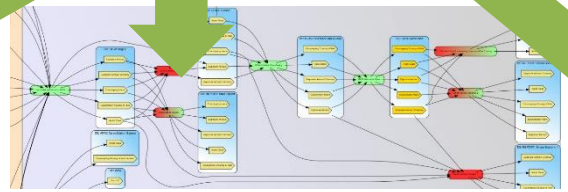
Orchestration and Schedulin

rizon of Data



Deploymnet automation / Co Versioning

Documentation Generation

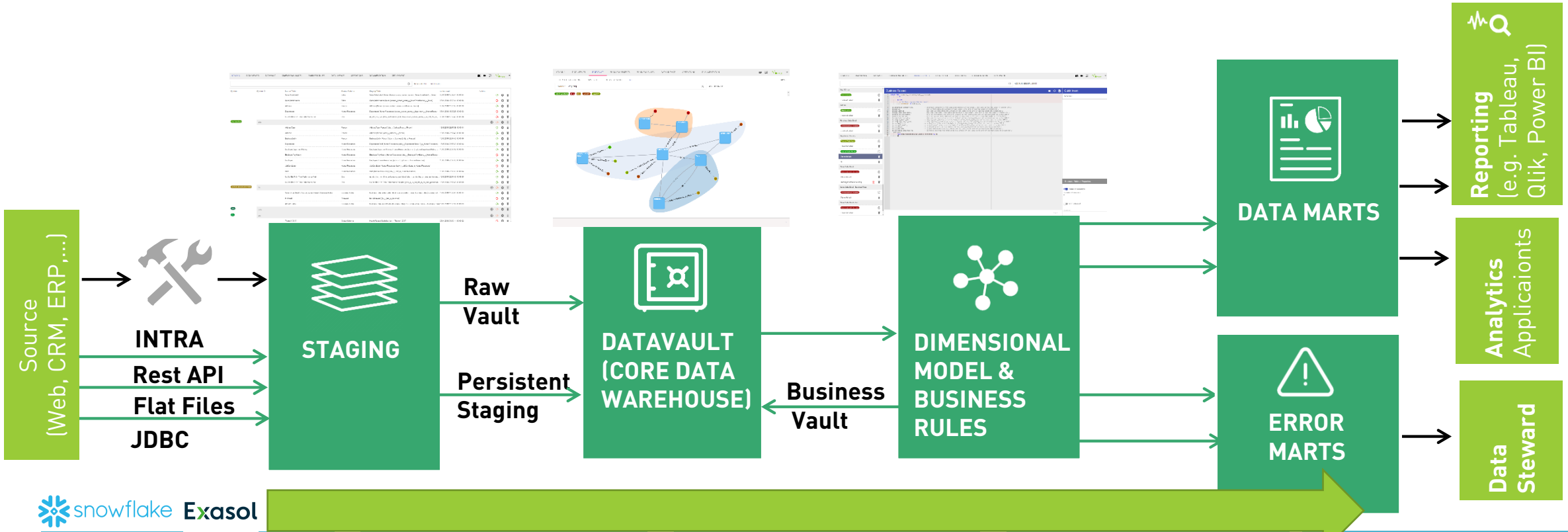


Lineage Generation

Data Profiling

Datavault BUILDER

FROM SOURCE TO DESTINATION



snowflake Exasol

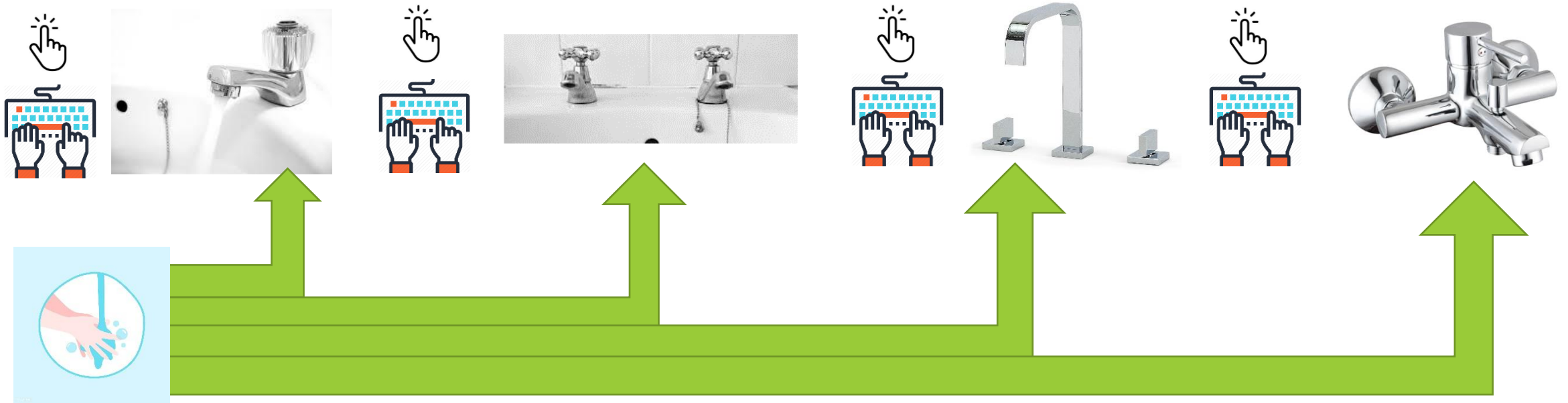
Connect to source systems & stage data	Historize and persist	Apply business logic	Deliver data Marts	Empower Reporting and other Applications

Datavault BUILDER

THE POWER OF AUTOMATION

Exasol
Version 6

Exasol
Version 7

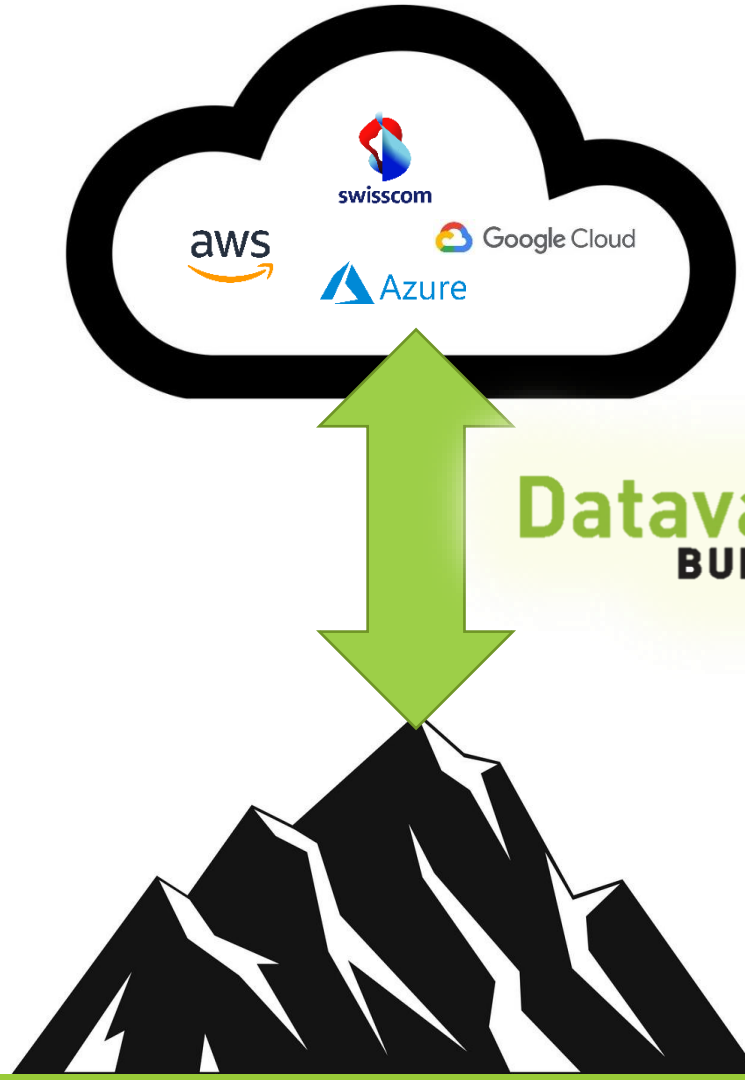


snowflake snowflake snowflake snowflake

Datavault BUILDER

CHOICE: CLOUD OR ON PREMISES

snowflake

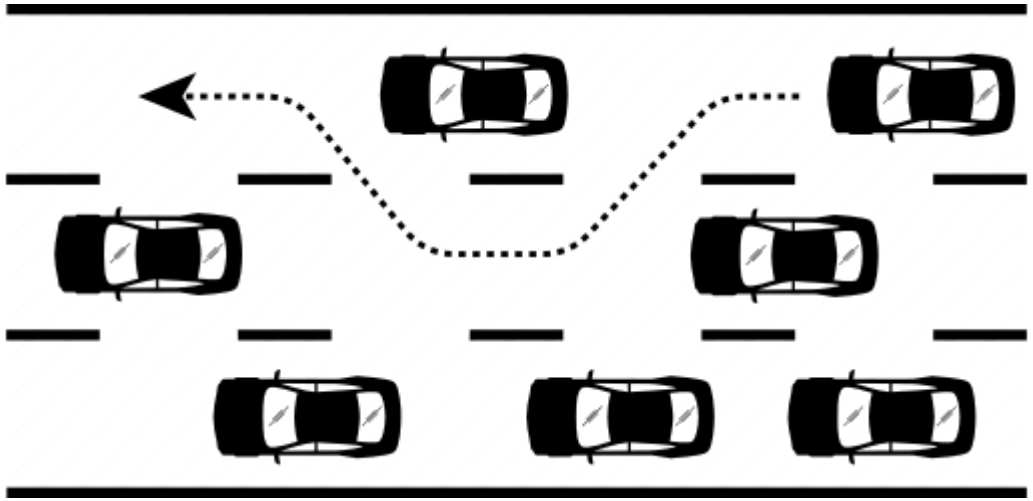


Datavault BUILDER

Exasol

Datavault BUILDER

BUILT FOR AGILE
BUILT FOR CI/CD



Fully Git Flow based Versioning and Deployment process

Jira Software

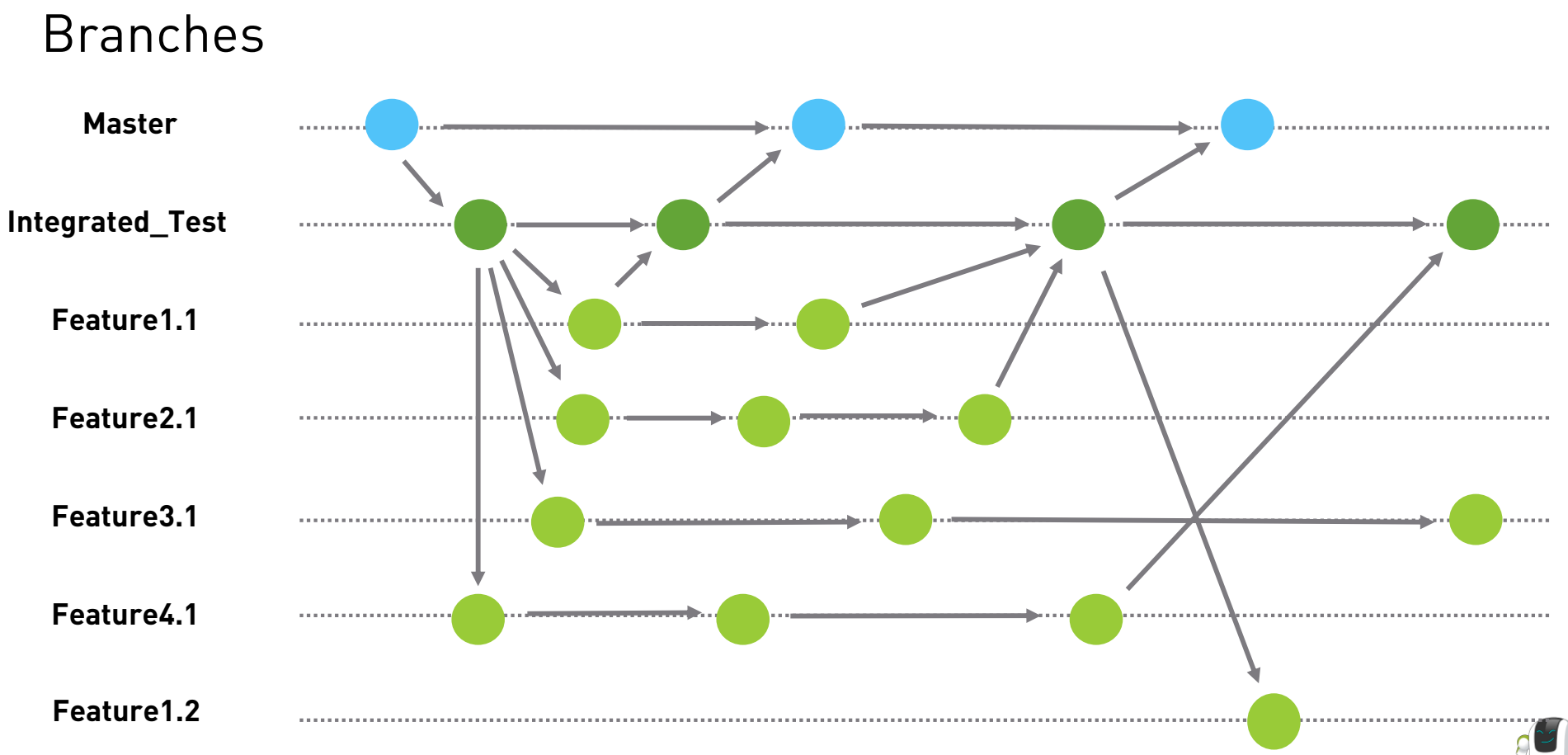
ATLASSIAN Bitbucket

GitHub

Jenkins

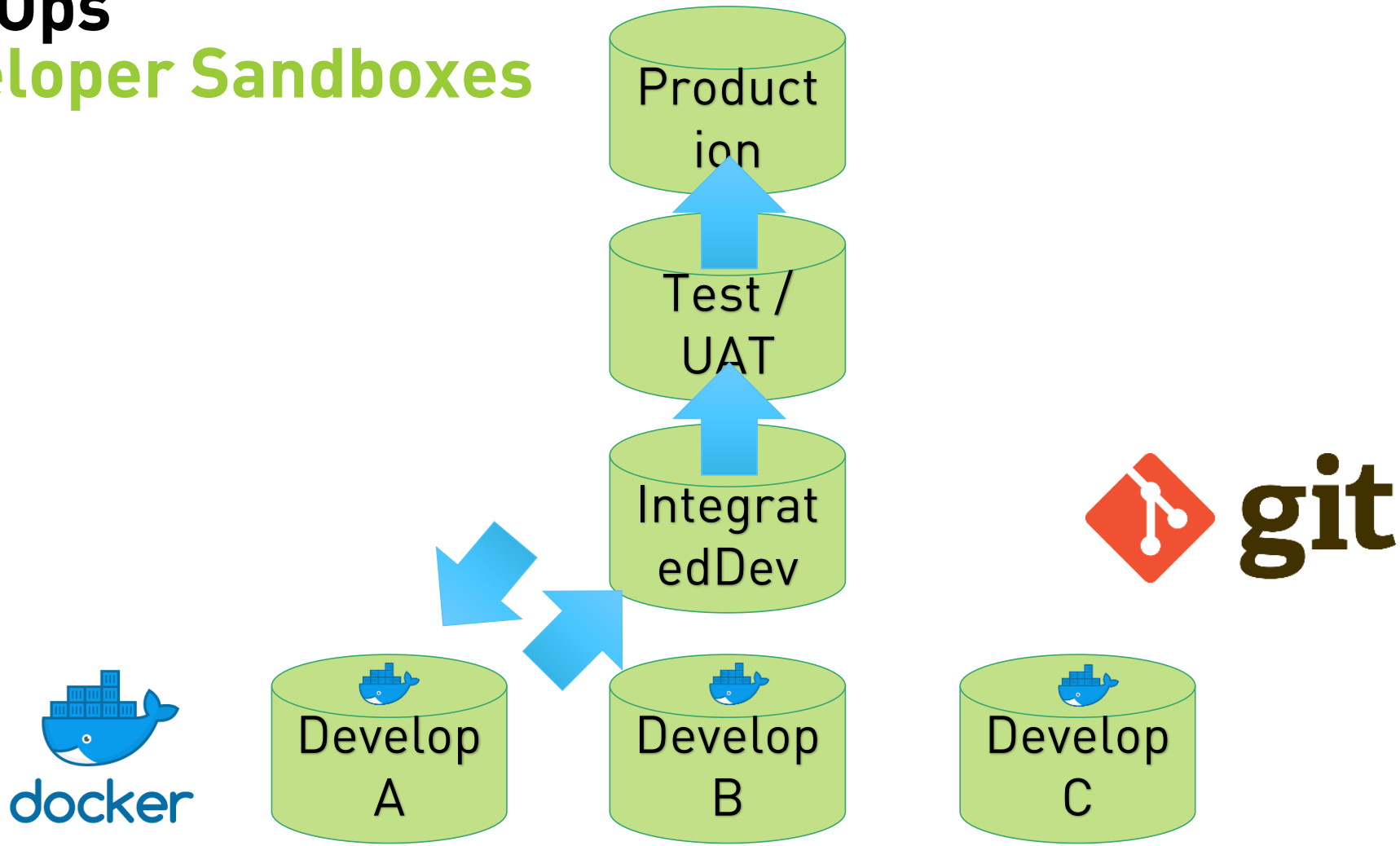
Datavault BUILDER

GIT-flow with Software

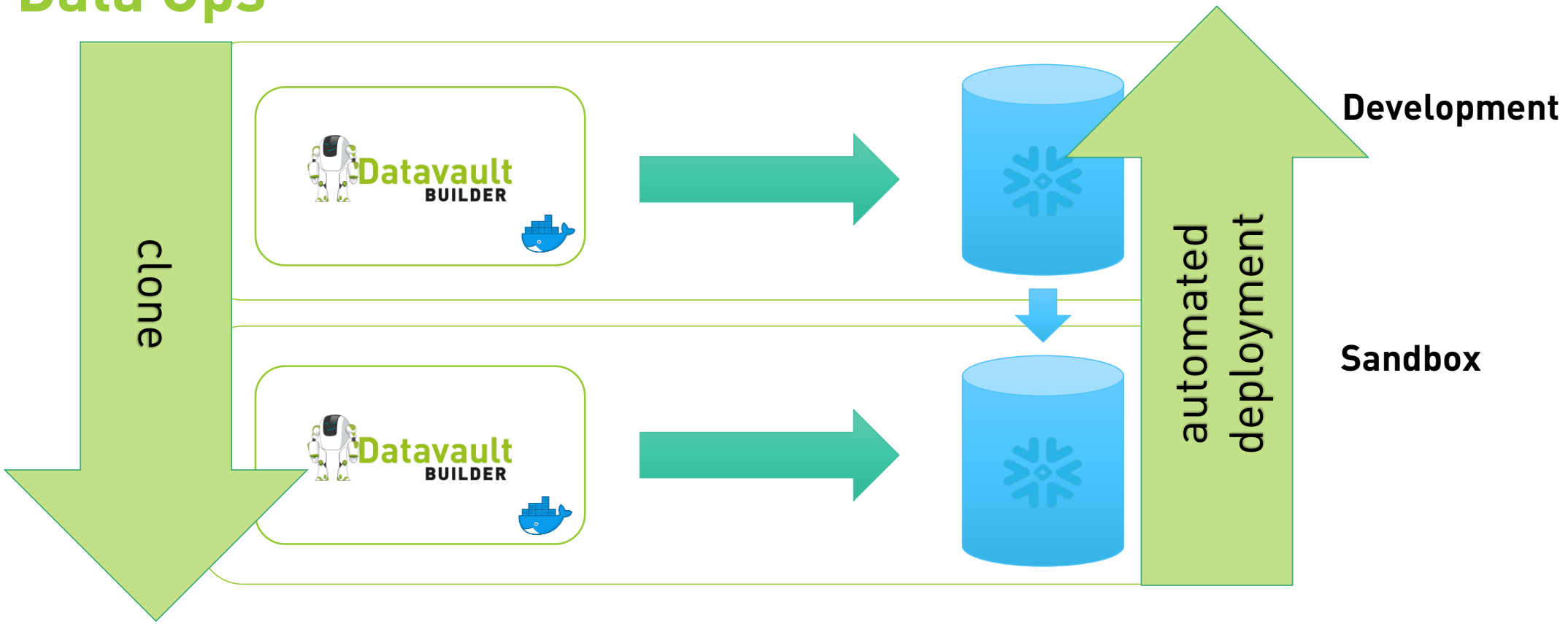


Datavault BUILDER

DataOps
Developer Sandboxes

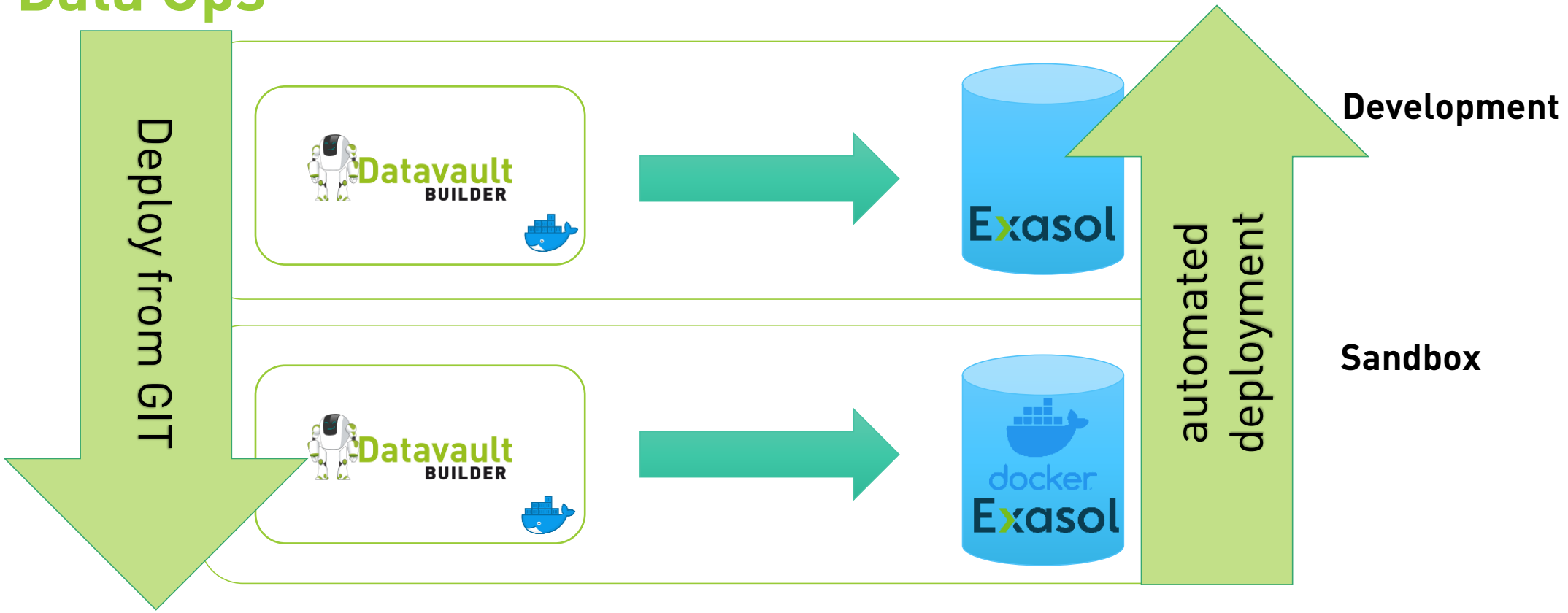


Snowflake:
Data Ops



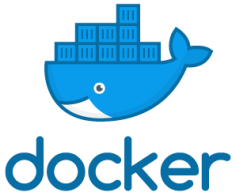
Datavault
BUILDER

Exasol:
Data Ops



Datavault BUILDER

SANDBOX SETUP



Exasol = Zero Copy Cloning snowflake

Datavault BUILDER

DATABASE CLIENT

Exasol = snowflake

Datavault BUILDER

DATA VAULT DATA TYPES

Exasol

New hash type in version 7

=

PRIMARY AND FOREIGN KEYS

"Hub contains a unique list of keys"

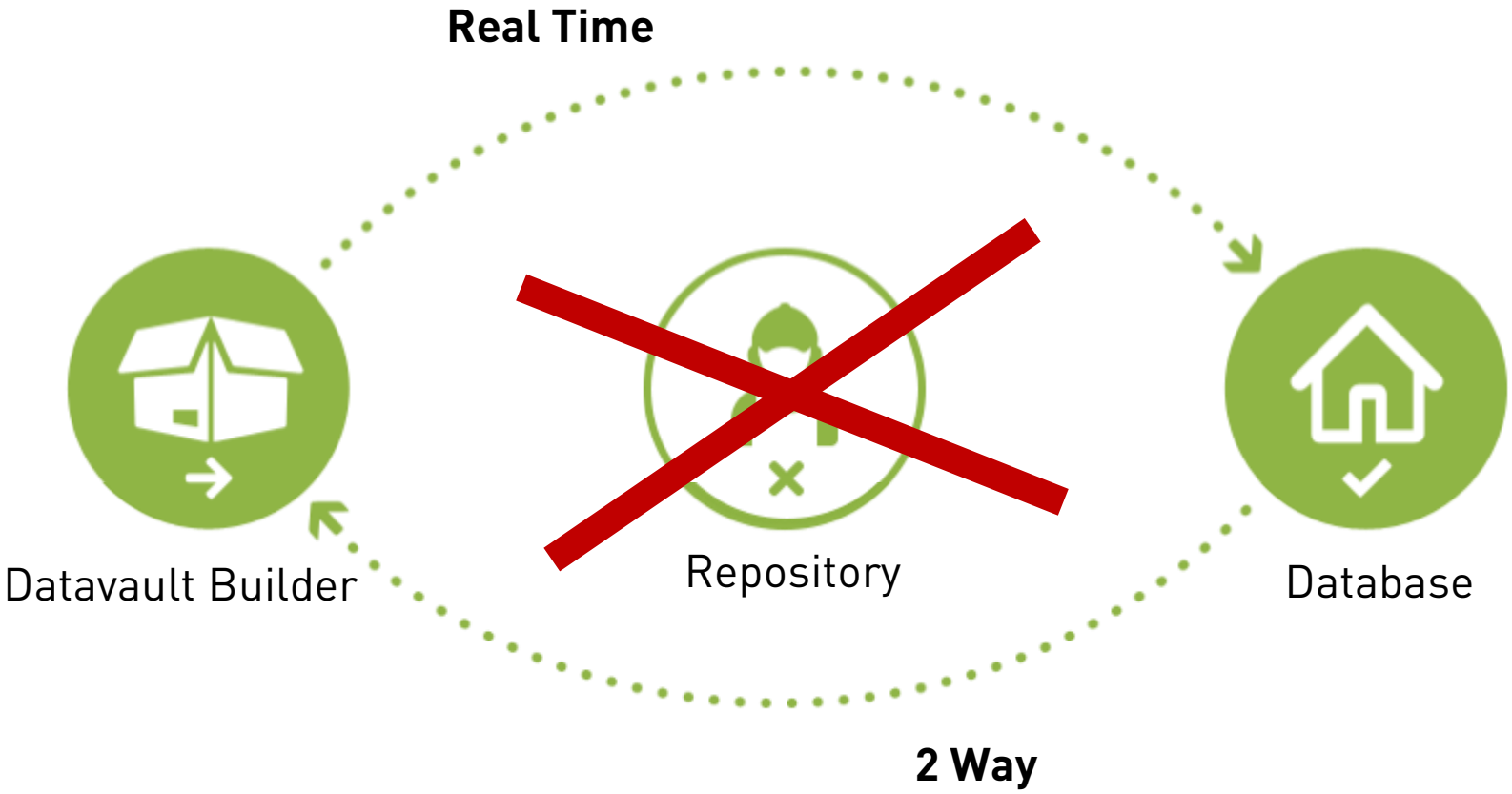
Exasol > snowflake

Datavault BUILDER

CLASSIC AUTOMATION APPROACH

Datavault BUILDER

CUT THE MIDDLE MAN



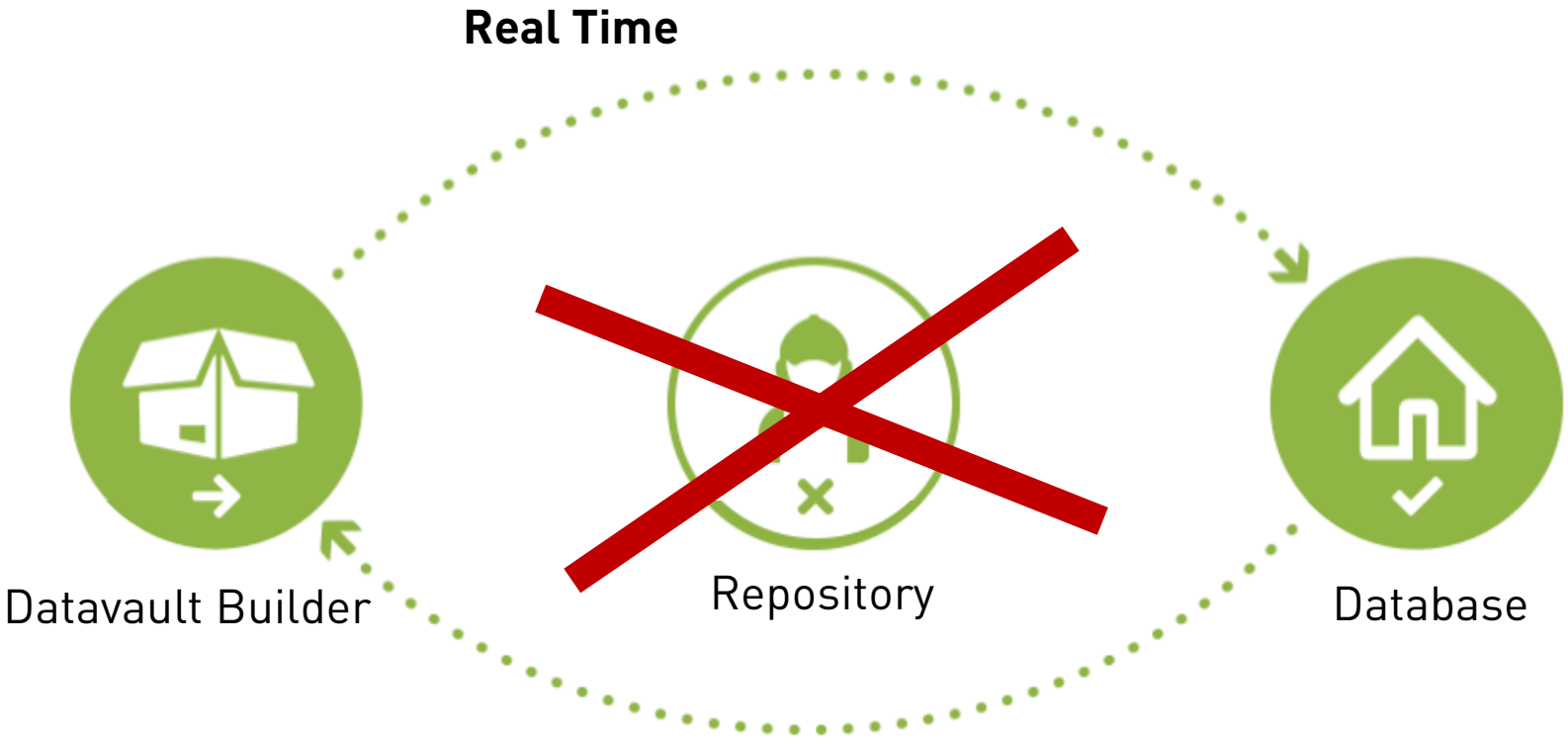
Datavault BUILDER

METADATA SPEED COMPARISON

Exasol > snowflake

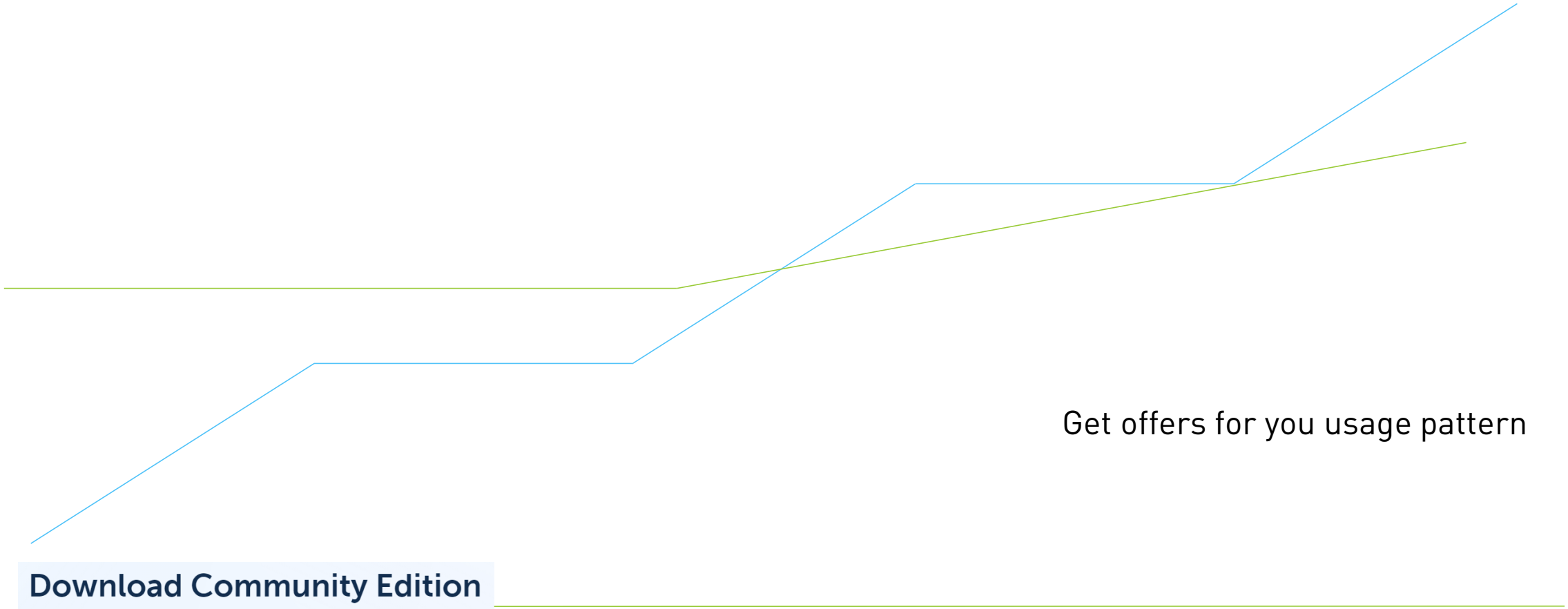
Datavault BUILDER

CUTE THE MIDDLE MAN



Datavault BUILDER

COST COMPARISON



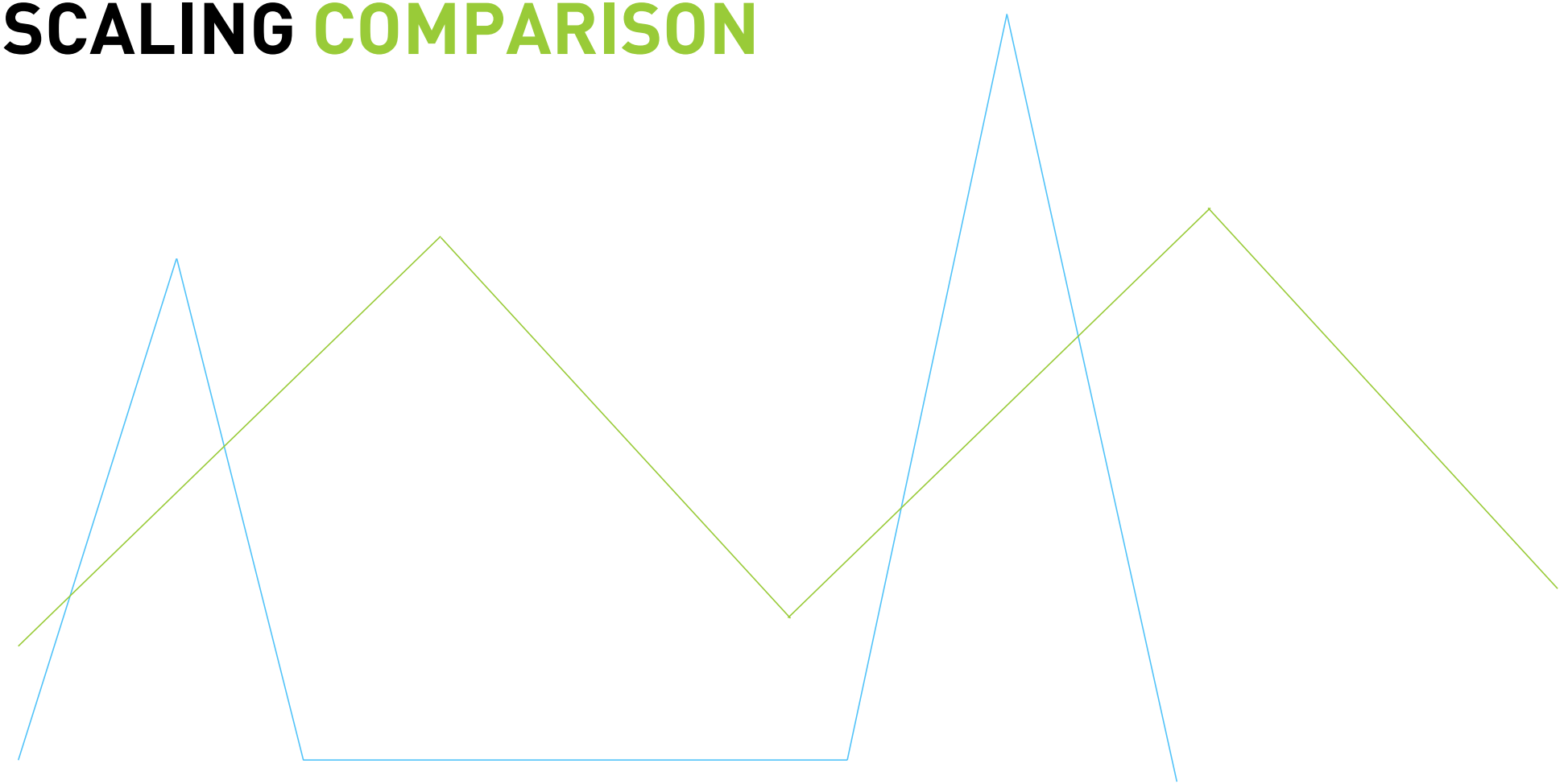
Get offers for you usage pattern

Download Community Edition

200GB of data volume for you to test drive.

Datavault BUILDER

SCALING COMPARISON



SPEED COMPARISON

TPC-H....

Exasol = 

Both tested for loads with 1 Billion+

DATA SHARING

Exasol ? 

(Virtual Schemas)

LOCAL TECHNICAL SUPPORT

Exasol > snowflake

Datavault BUILDER

TIME TRAVEL

Exasol < snowflake

Datavault BUILDER

FUNCTIONS AND SCRIPTING

Exasol > 

Developing

Datavault BUILDER

PERSONAL SUMMARY

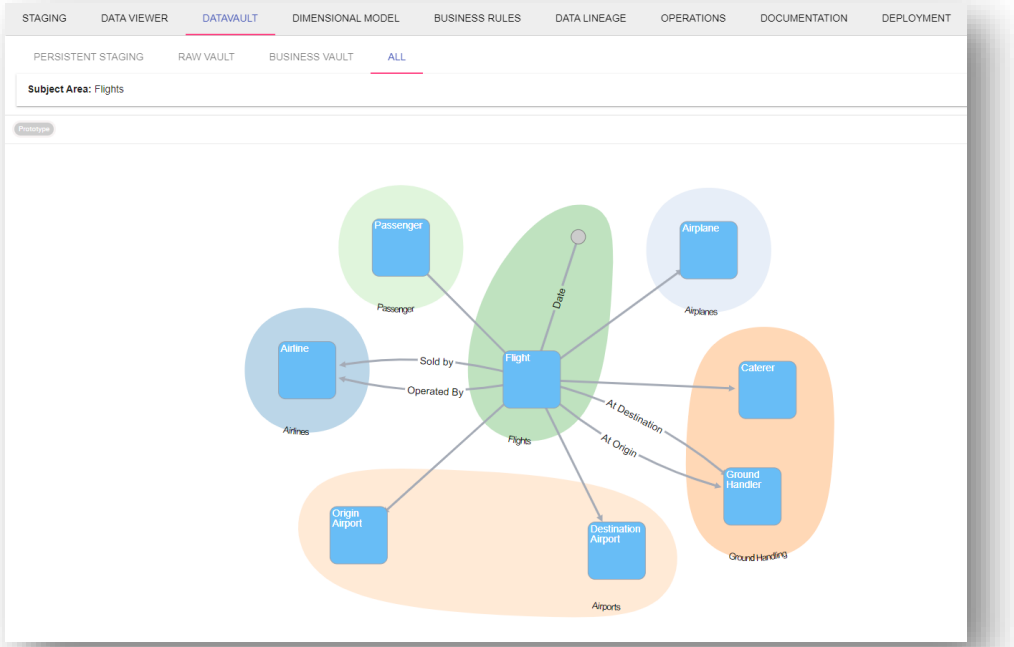
Exasol

- There are differences between the two databases that may or may not be relevant for you
- For most of the differences there are solutions to accommodate for limitations
  (like using the Datavault Builder ☺)
- Both are very good analytical databases that should be preferred over
  non analytical databases for DWH applications
- You need to understand your requirements and usage patterns to decide which route to take

Datavault BUILDER

CONTACT ME

- LinkedIn: Petr Beles
- Webinare jeweils Freitag oder On-Demand
- contact@datavault-builder.com



Datavault BUILDER