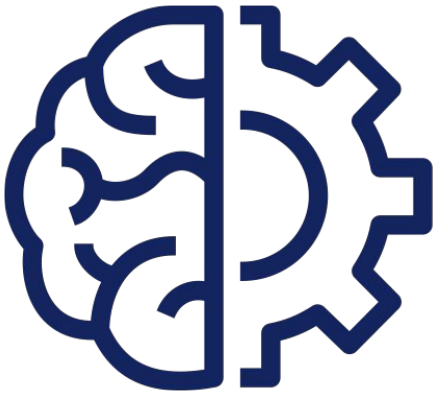

VIENNA DATA SCIENCE TOOLS

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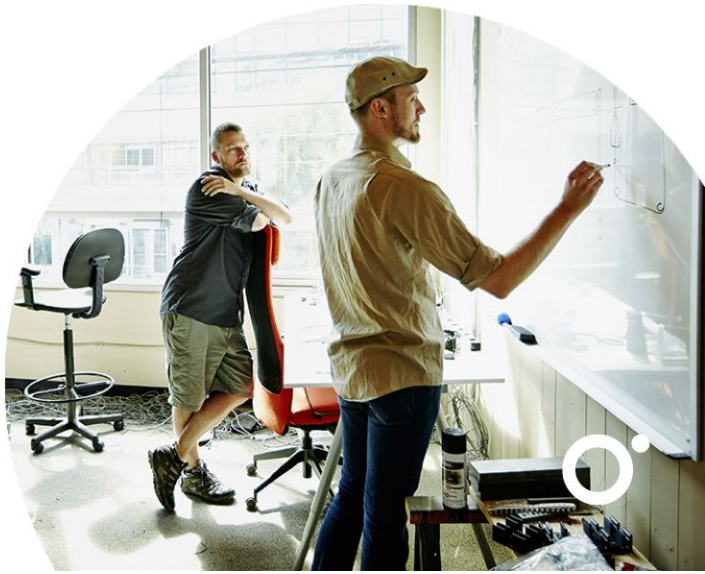


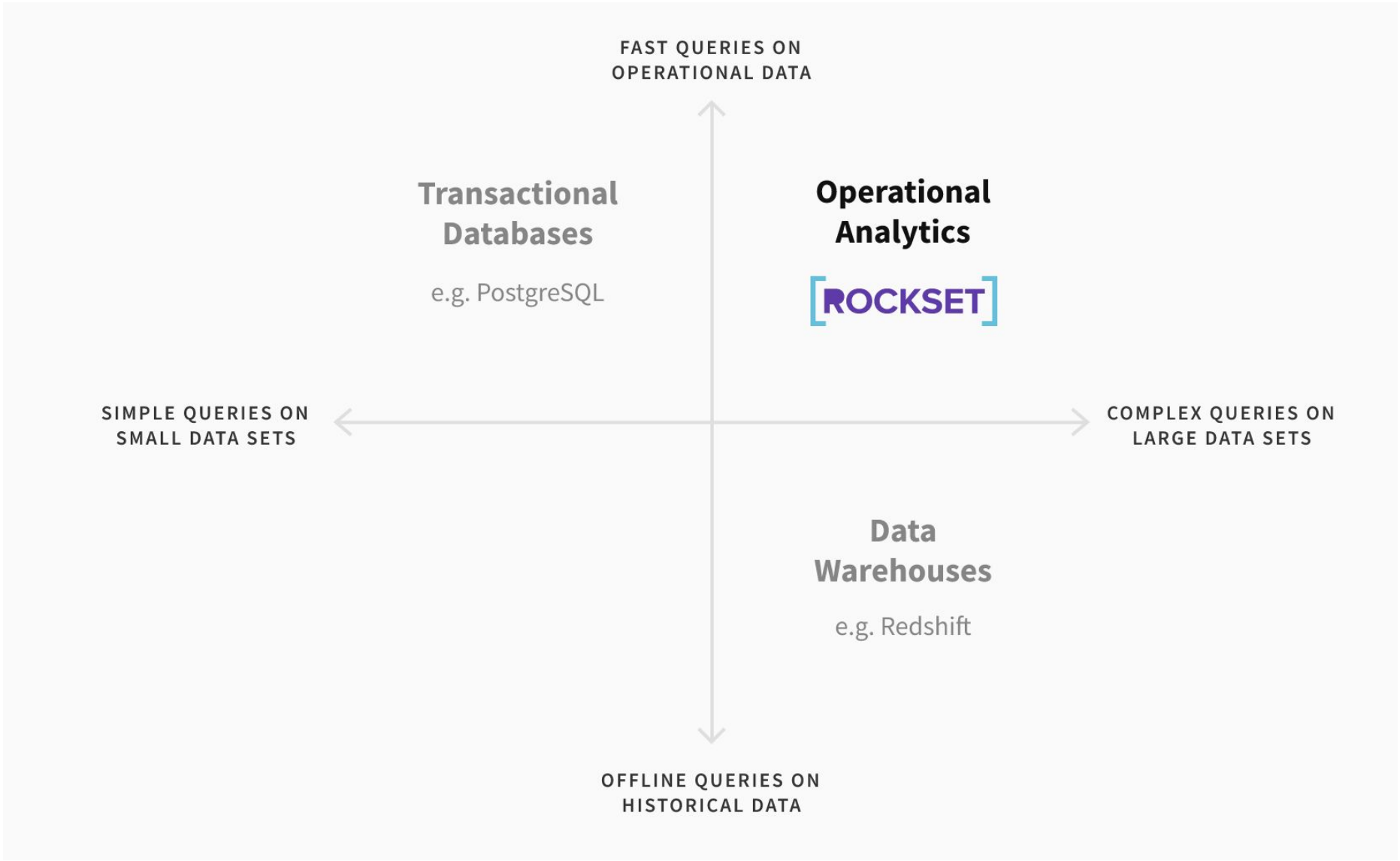
https://rockset.com/

What is Rockset

Rockset is a scalable, reliable search and analytics service in the cloud that makes it easy to build fast operational applications on TBs of data simply using SQL. Rockset delivers millisecond-latency SQL directly on raw data, including nested JSON, XML, Parquet and CSV, without any ETL. Use Rockset to build a Python application that analyzes real-time sensor data. Or an interactive Tableau dashboard that queries operational data from your data lake. Or trigger a lambda function to expose your own data API internally.

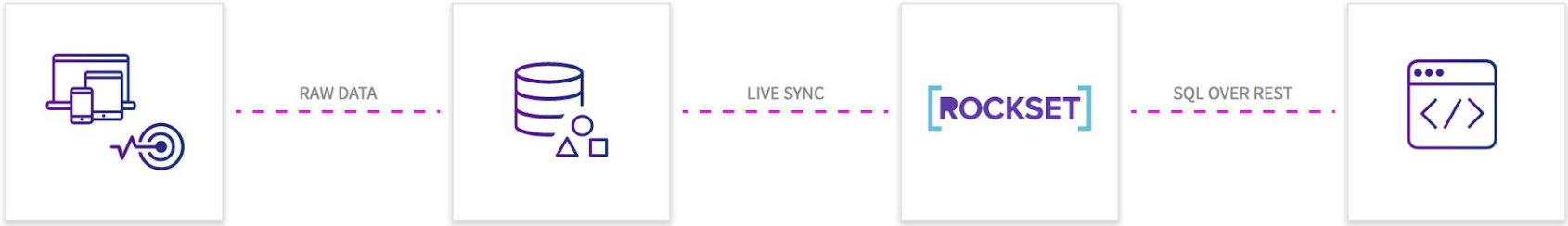
Why Rockset

A simpler data stack is fundamental to making data usable by developers. Without the burden of ETL, database tuning and server provisioning, teams can direct all their efforts towards building amazing applications, faster.


FAST QUERIES ON
OPERATIONAL DATA
Transactional
Databases
e.g. PostgreSQL
Operational
Analytics
ROCKSET
SIMPLE QUERIES ON
SMALL DATA SETS
COMPLEX QUERIES ON
LARGE DATA SETS
Data
Warehouses
e.g. Redshift
OFFLINE QUERIES ON
HISTORICAL DATA

How it Works

A new way to load, process and serve data so you can get started in minutes and scale effortlessly.



Data generated by users, sensors or applications

Raw data captured in your stream, lake, warehouse or operational database

Millisecond-latency SQL over TBs of raw data, without any ETL

Data-driven application or interactive dashboard

1 Connect securely to your data source

Use one of Rockset's native integrations with DynamoDB, Amazon S3, Google Cloud Storage, Amazon Redshift, Kinesis, Apache Kafka and more to securely load your data. Stay in sync with your source without building custom pipelines.

2 Explore semi-structured data as SQL table

Your nested JSON, XML, CSV or Parquet dataset is converted into a SQL table **without requiring a schema ahead of time**. Rockset distributes, replicates and indexes your dataset so you can run millisecond-latency SQL (including JOINs) over TBs of data.

3 Query directly from application or dashboard

Query Rockset from a Python Flask app. Or from an interactive Tableau dashboard. Or from AWS Lambdas to expose your own data APIs. Rockset auto-scales storage and compute, so you get reliable performance without having to manage servers or databases.

Thank you!

bpirvu@novomatic.com
jwilms@novomatic.com

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