

Big Data

What is this?

Content

- What?
- How?

What?

- Normal data processing with relational databases doesn't work anymore

What?

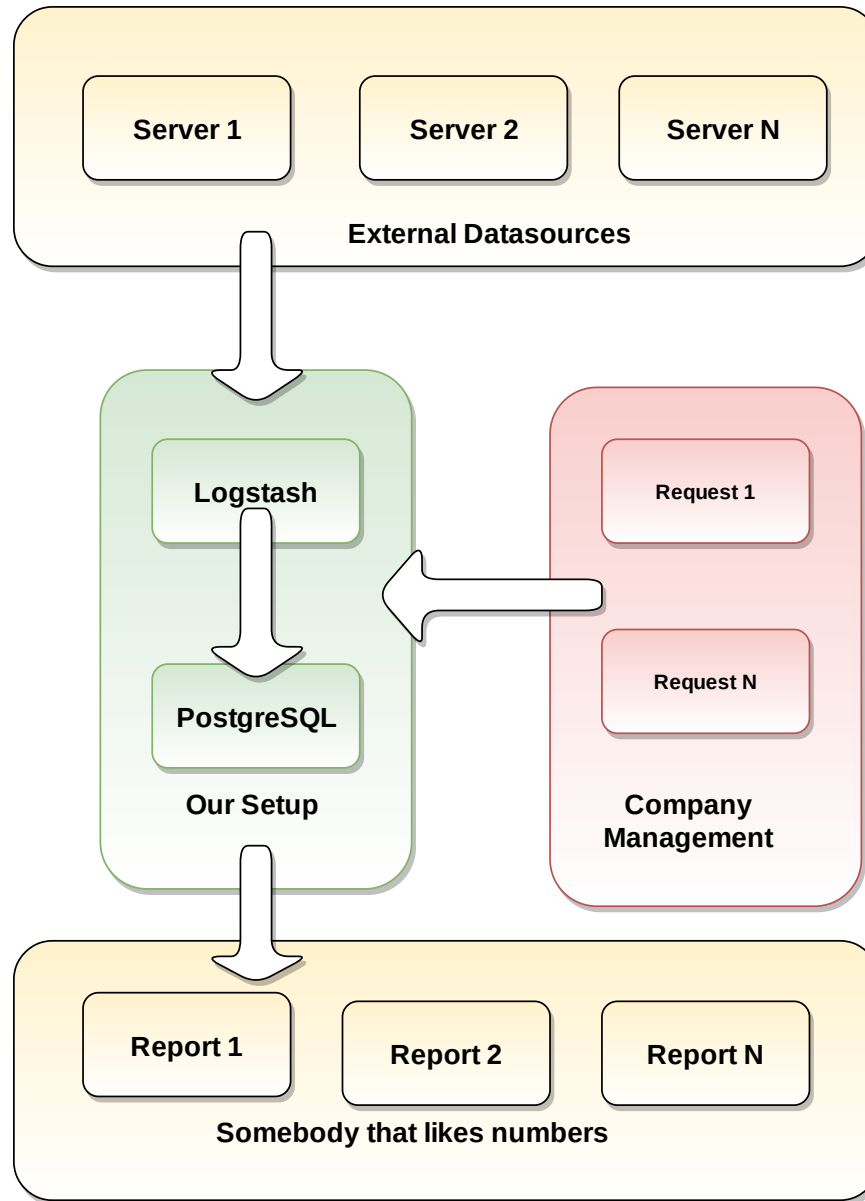
- Three dimensions classify a setup as big data
- Volume - The amount of data
- Velocity - Amount of data per second
- Variety - Different datastructures from multiple sources

How?

- Multiple servers send log messages to a central location
- Logstash receives the data and inserts it into postgres
- Postgres inserts the data into a single logical table
- Partitioning by a timestamp splits the data into child tables

How?

Architecture



How?

Architecture

Partitioning

