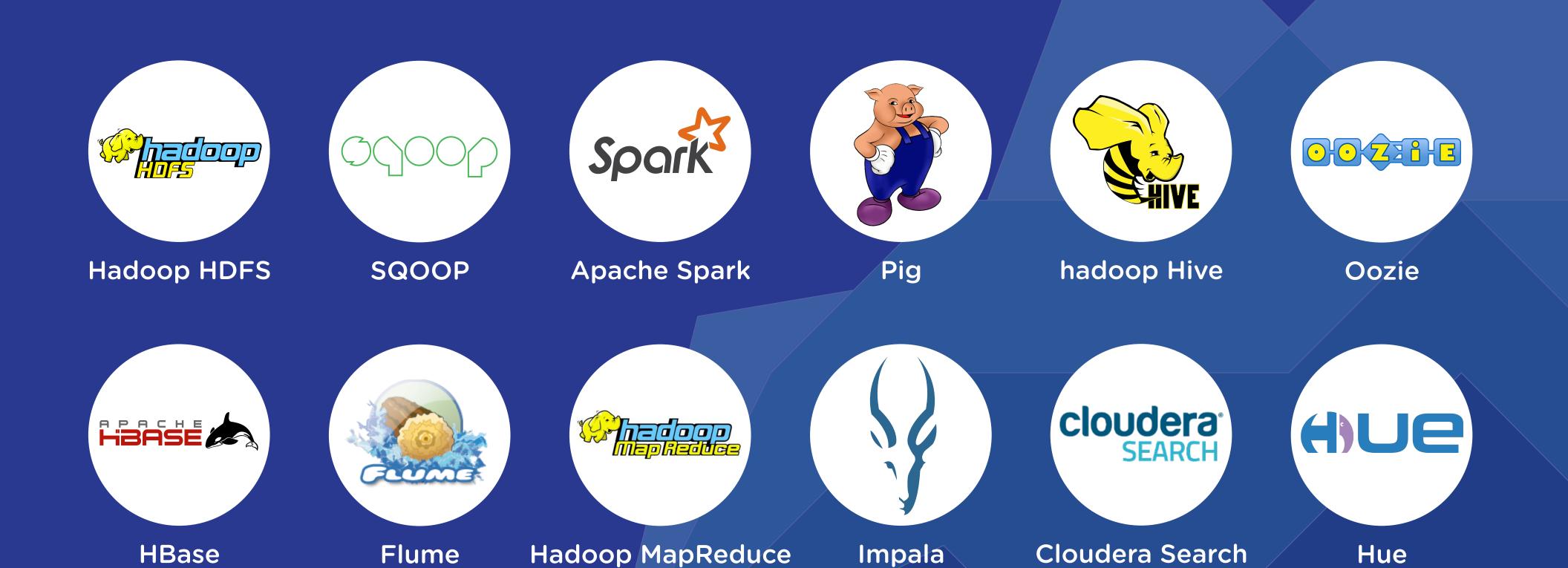
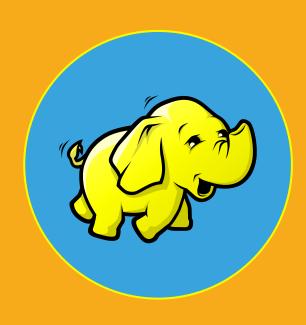


The popularity of Hadoop has grown in the last few years, because it meets the needs of many organizations for flexible data analysis capabilities with an unmatched price-performance curve.

The Hadoop ecosystem is continuously growing to meet the needs of Big Data. Let's understand the role of each component of the Hadoop ecosystem.

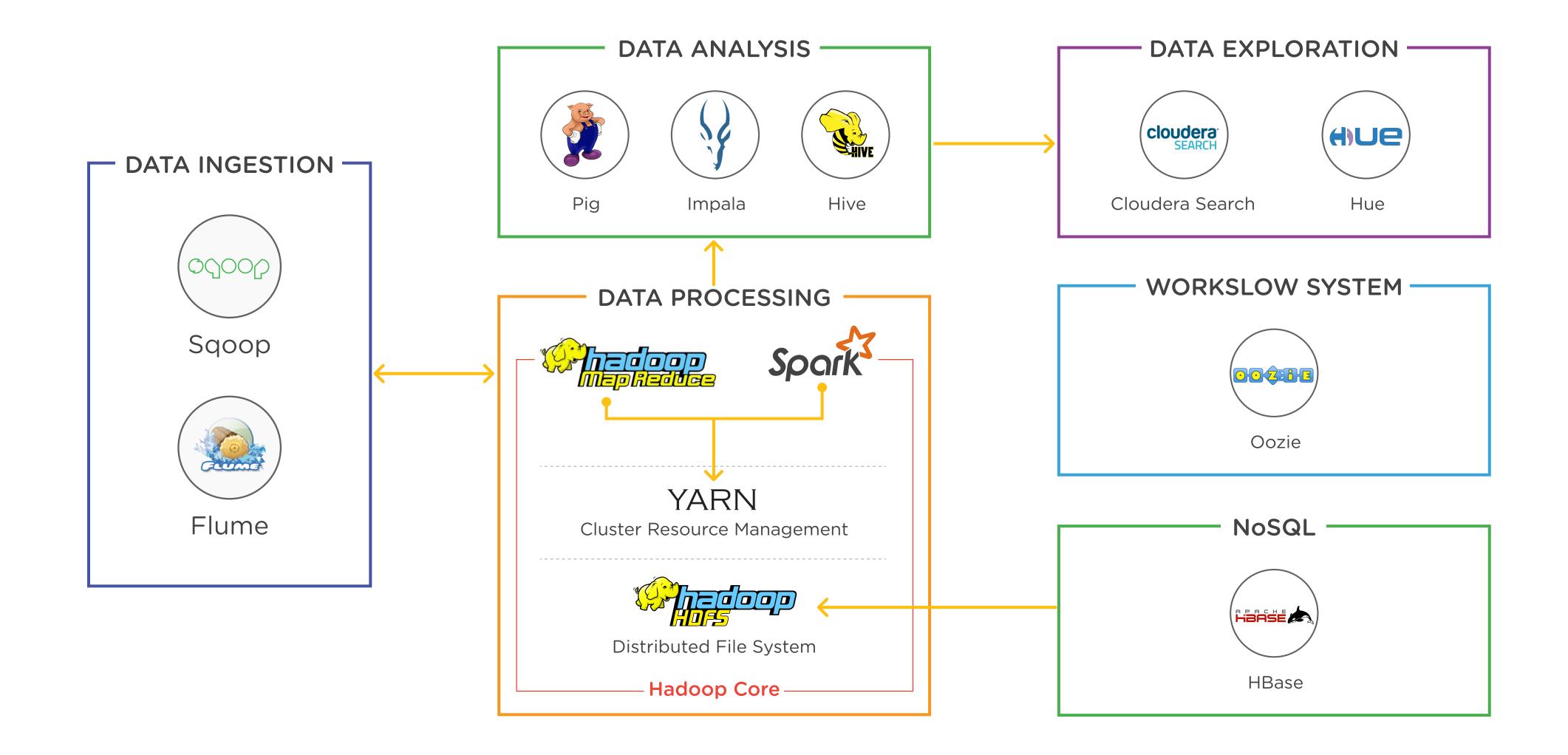
#### Hadoop Ecosystem comprises of the following 12 components:

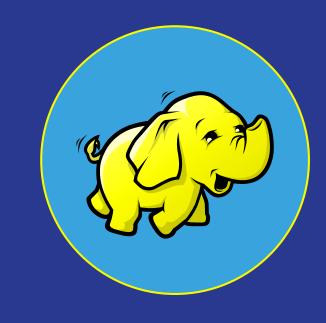




Now, let's check how these components work as part of an ecosystem

#### HADOOP ECOSYSTEM - COMPONENTS

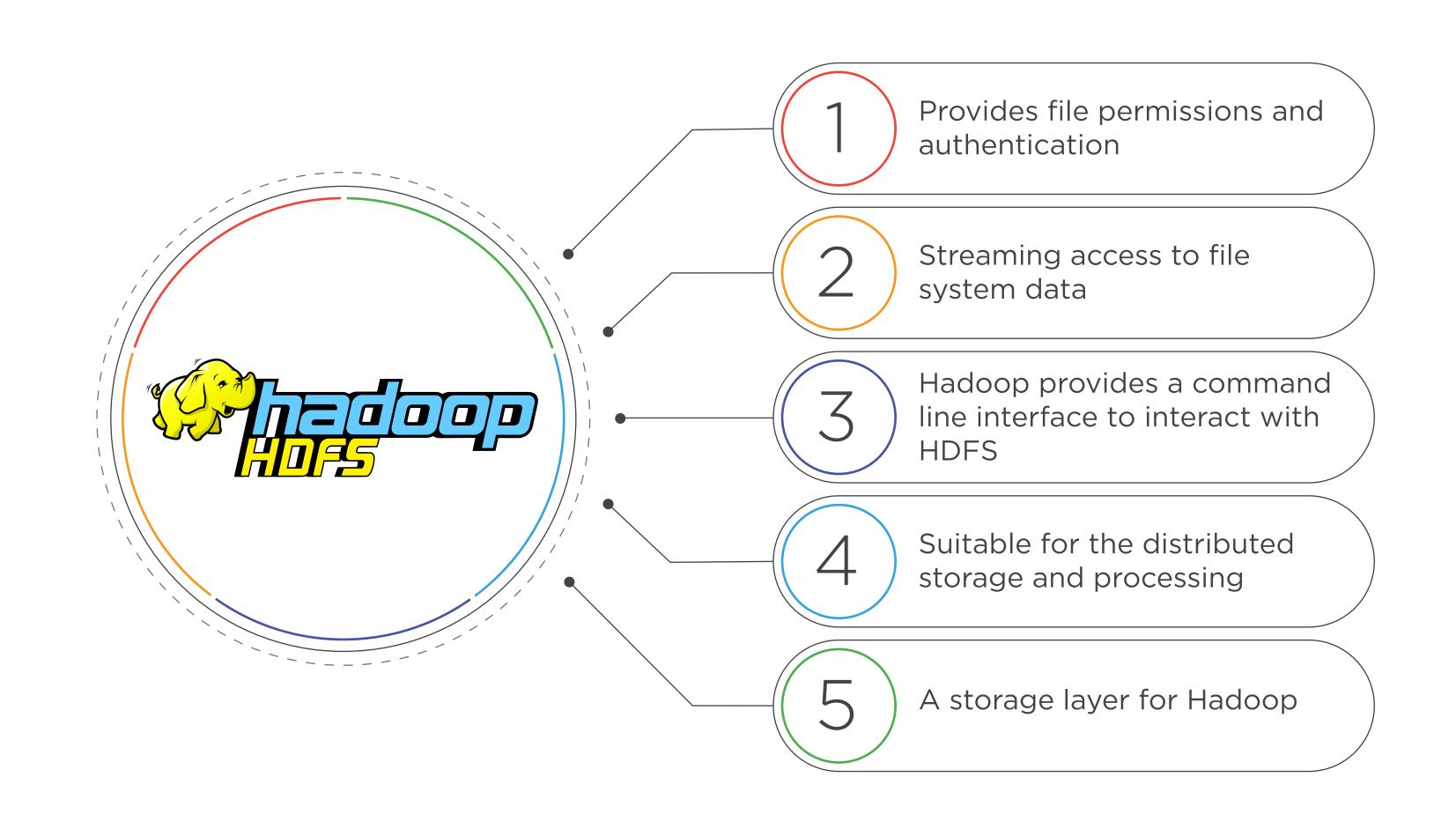




# What does each of these components actually do?

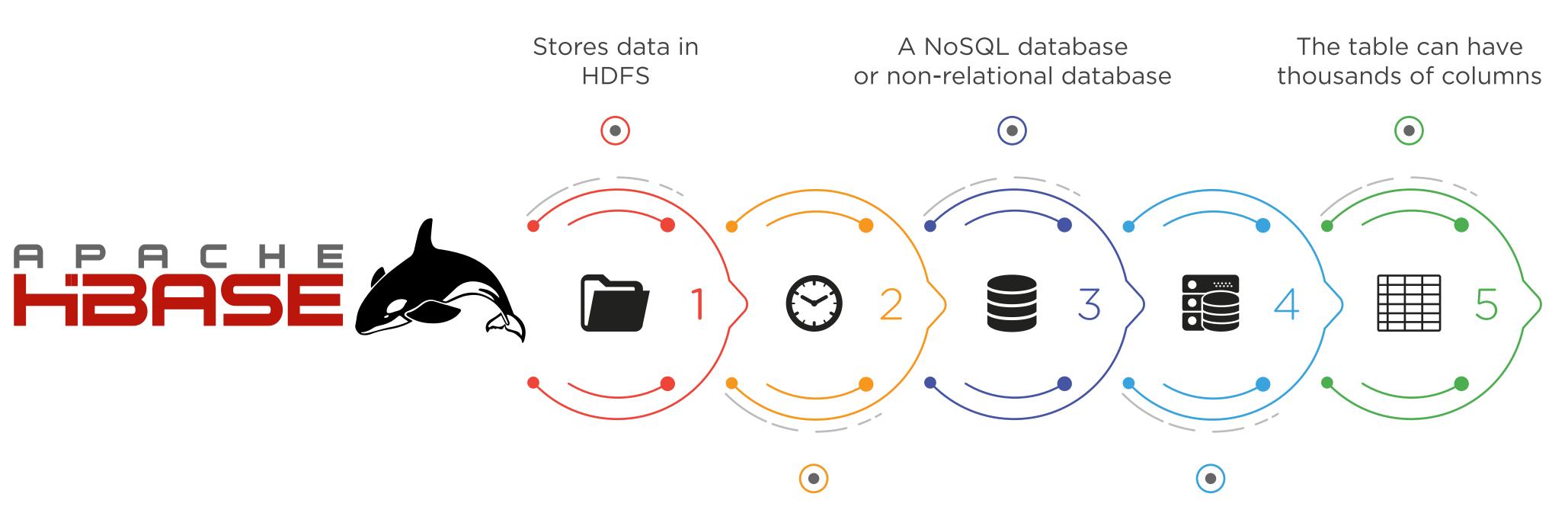
#### 1

#### HADOOP DISTRIBUTED FILE SYSTEM





# 2 HBASE

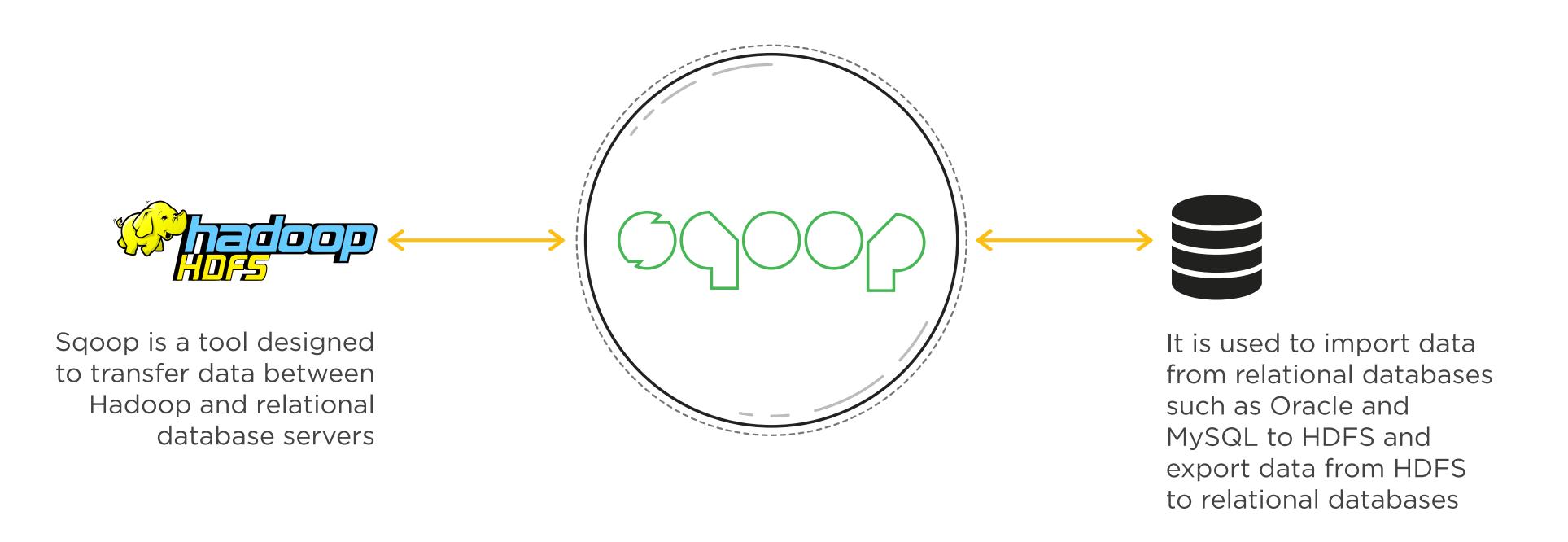


Mainly used when you need random, real-time, read/write access to your Big Data

Provides support to high volume of data and high throughput



## 3 SQOOP



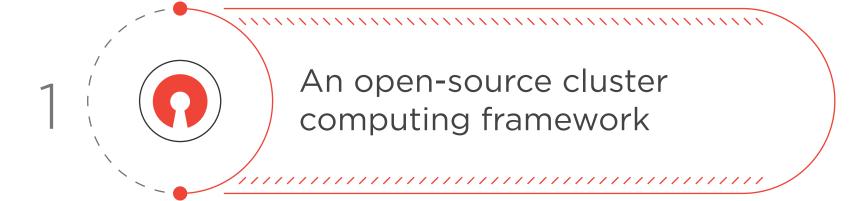


# 4 FLUME





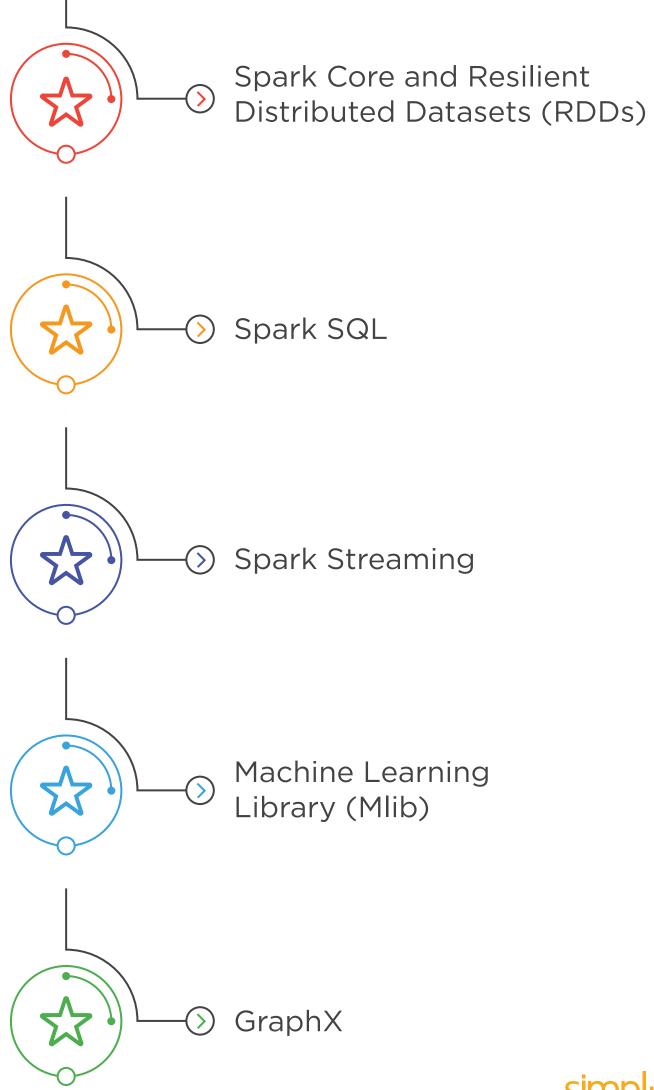
# SPARK





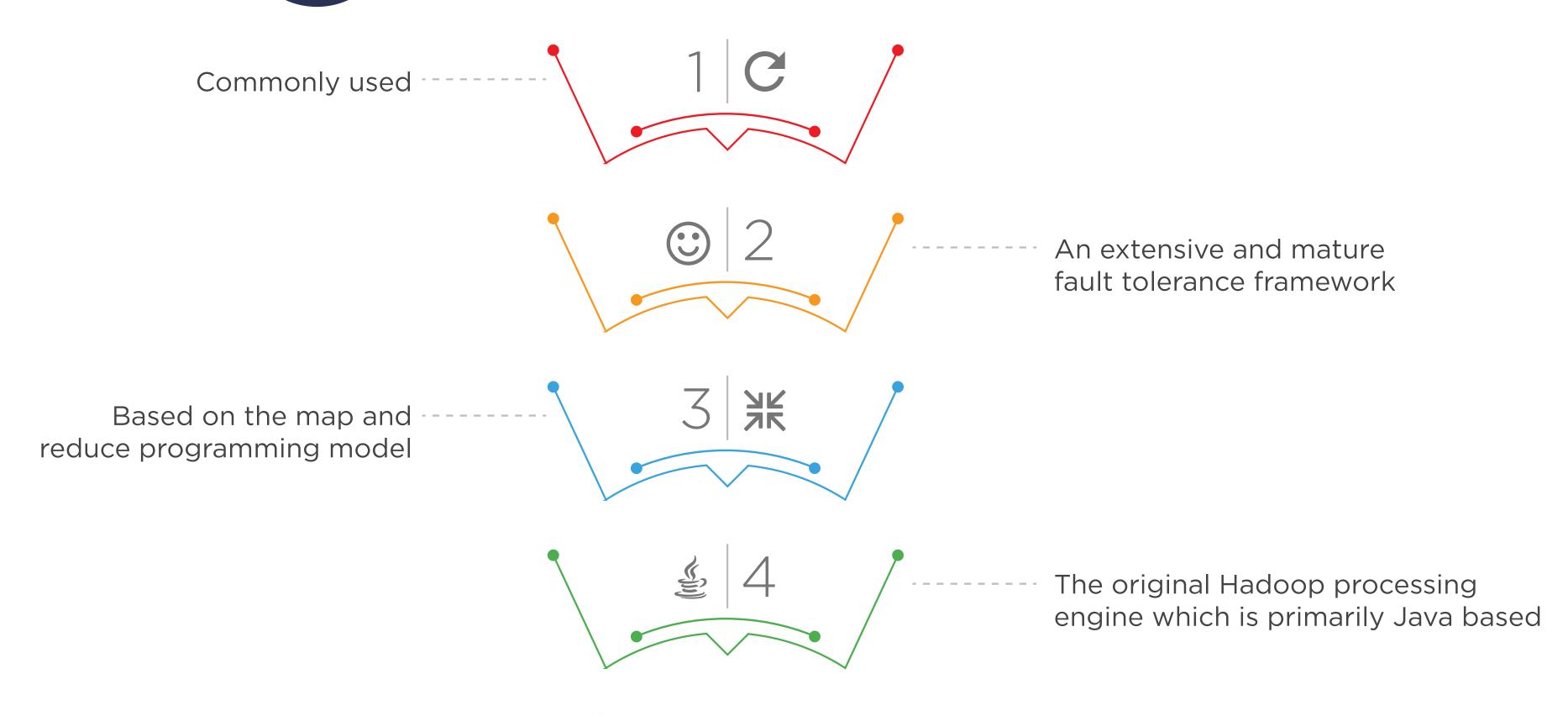








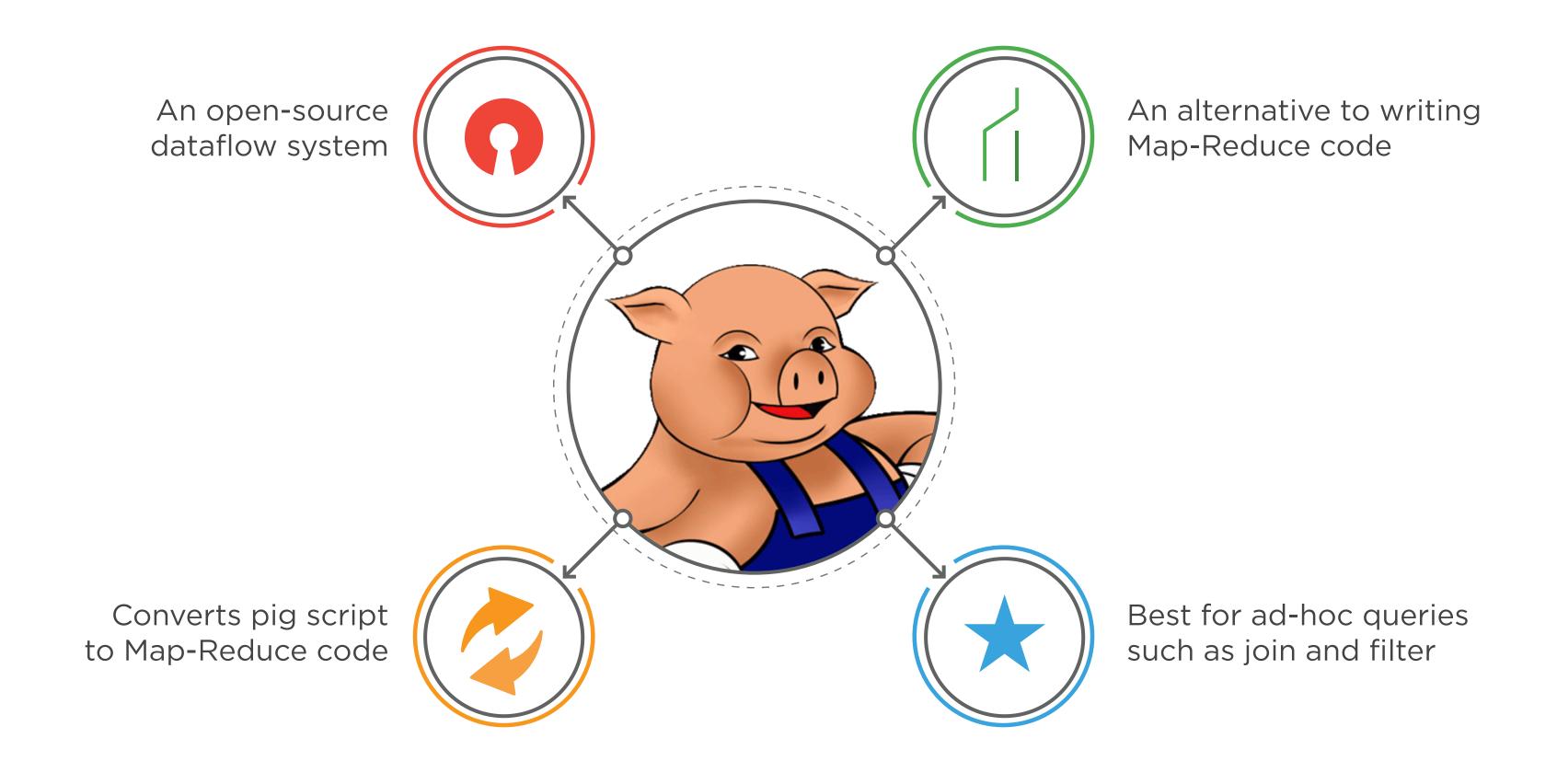
#### 6 HADOOP MAPREDUCE



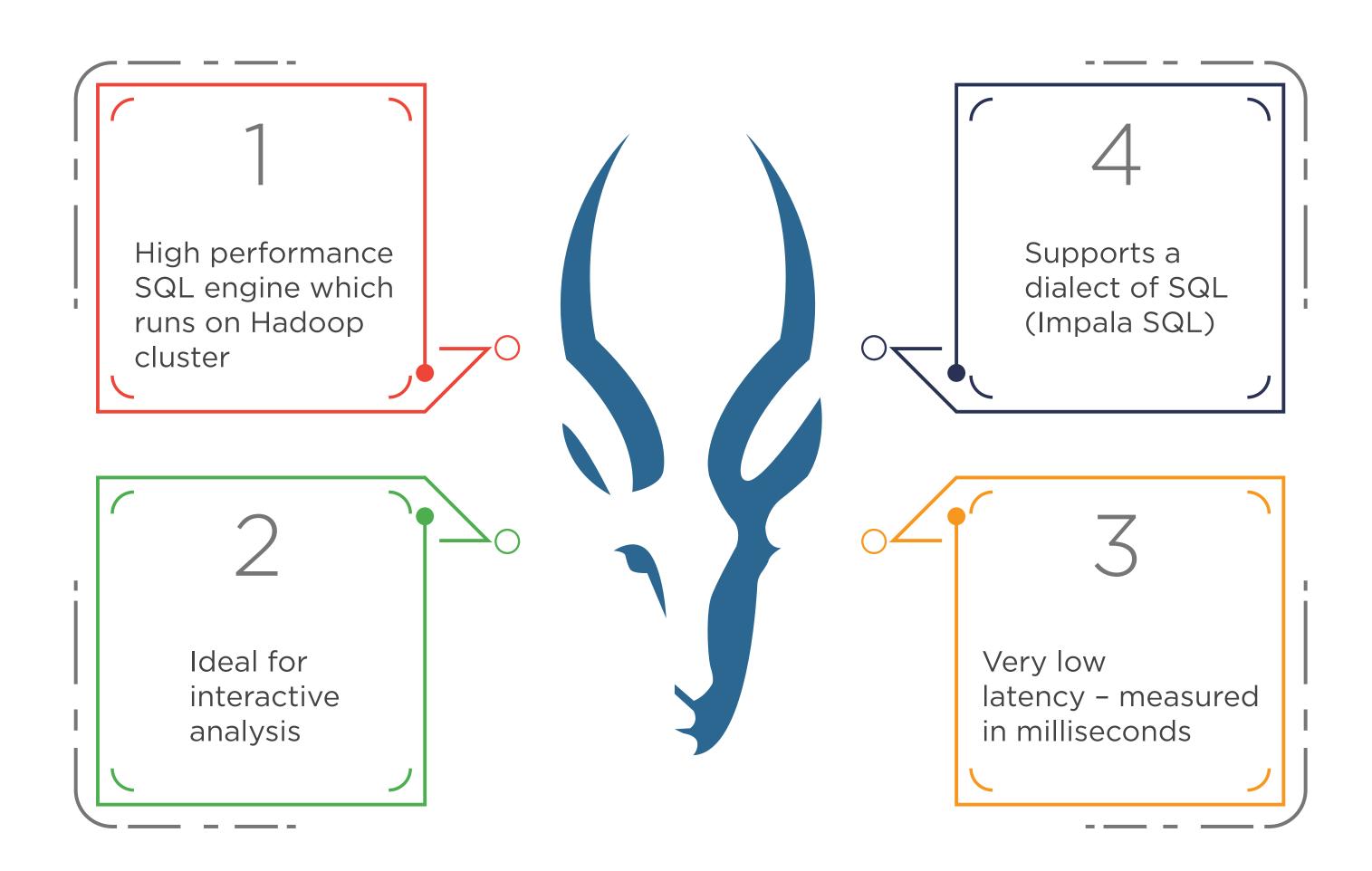


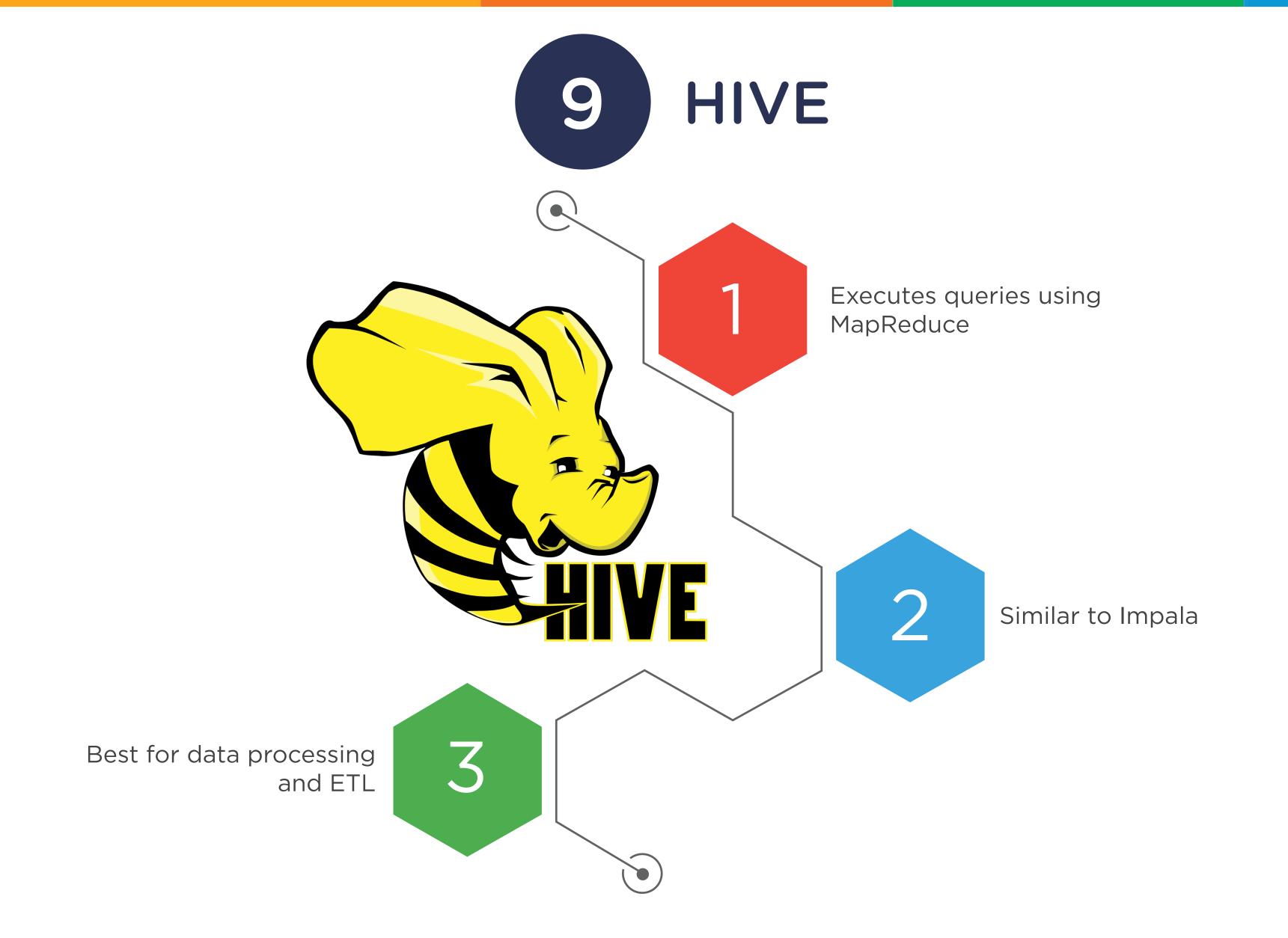


### 7 PIG



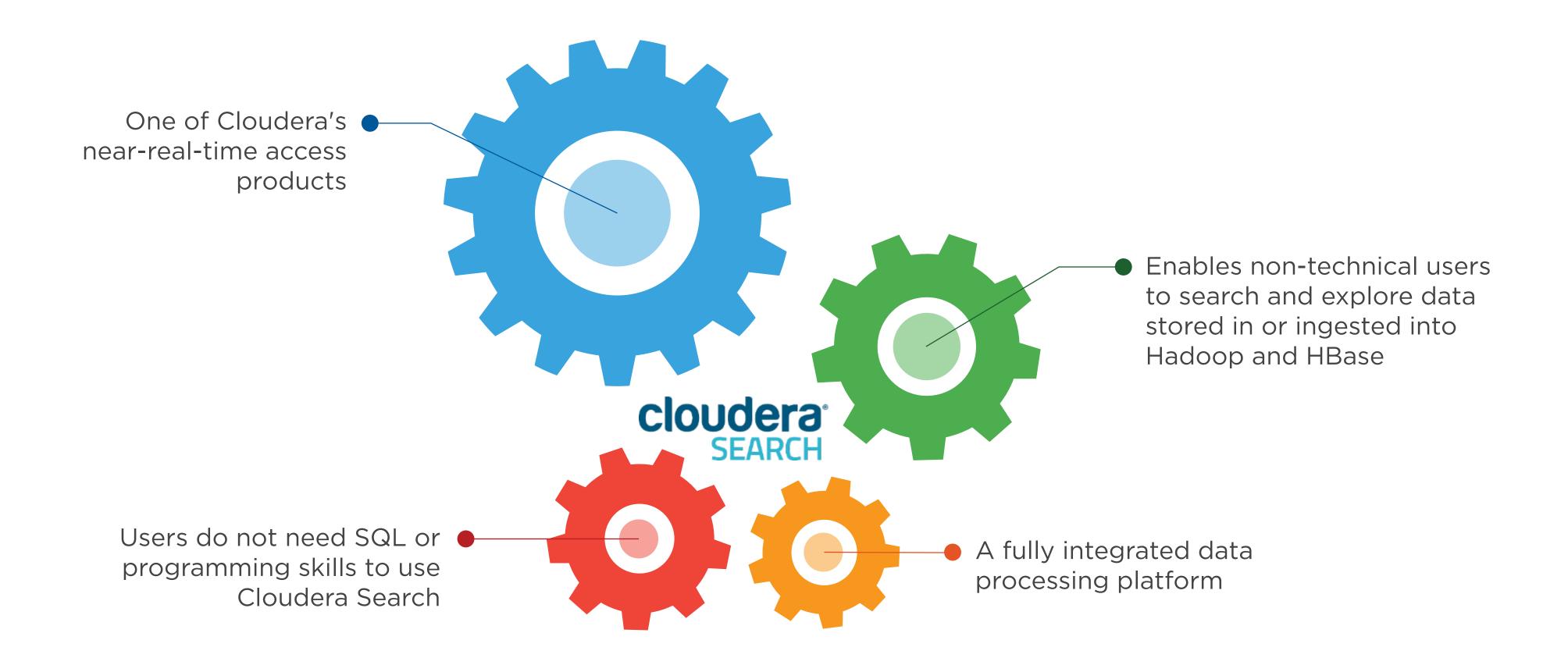
### 8 IMPALA







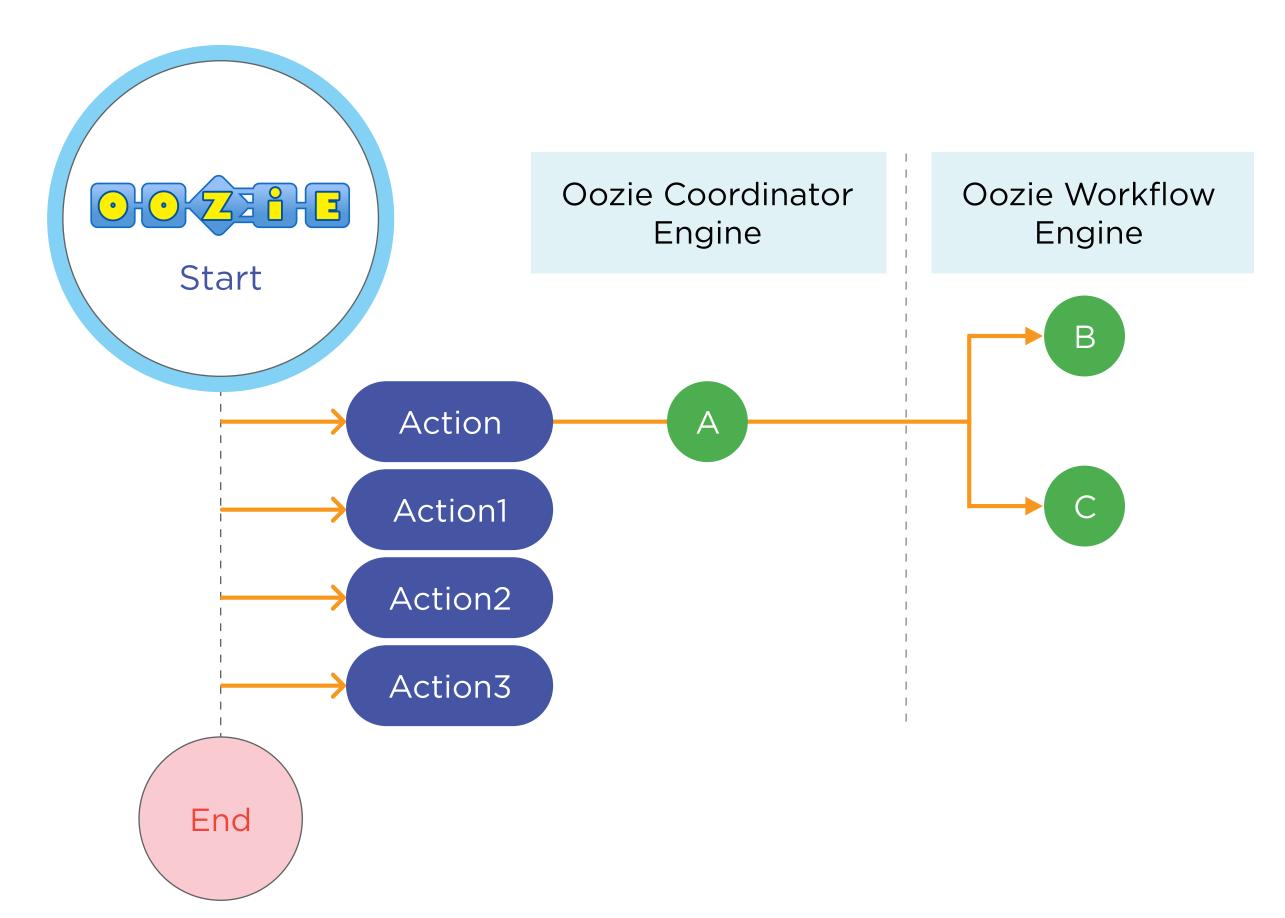
#### 10 CLOUDERA SEARCH





### 11) OOZIE

Oozie is a workflow or coordination system used to manage the Hadoop jobs





### HUE



Web interface for analyzing data with DO YOU WANT TO BE

# HADOOP CERTIFIED?

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