Relational Zone

Maria DB

General-purpose

Adabas

SAP Sybase SQL Anywhere

Enterprise DB

MariaDB

MySQL

Oracle Exadata

Special analytic

MammothDB

Presto

IBM Big SQL

IBM PureData for Analy/cs

XtremeData

SAP Sybase IQ

AWS Redshift

-as-a-Service

Google Cloud Dataflow

1010data

Strength

high-performance “big data” database

Interactice analysis capability with financial and risk management functions, as well as time series analysis and text analysis

Fast to implement

also can be a stand-alone database

https://www.1010data.com/uploads/files/1010data\_Robin\_Bloor,\_Ph\_D,\_Big\_Data\_Analytics\_white\_paper.pdf

Apache Hive

Using map-reduce

Acceleration with indexing

Base on SQL and translate into Hadoop for execution and using Hadoop ecosystem

Built-in and external tools for data mining

Lack support for “transactions and materialized views”

Not strictly follow SQL standard

http://en.wikipedia.org/wiki/Apache\_Hive

Apache Drill <http://en.wikipedia.org/wiki/Apache_Drill> <https://www.mapr.com/blog/top-10-reasons-using-apache-drill-now-part-mapr-distribution-including-hadoop#.VMcB_4es7D0>

Open source

Data-intensive distributed computing system and support large dataset

Base on Google’s Big Query and support SQL queries

Provides interactive analysis

Apache Storm

<http://www.sqlstream.com/wp-content/uploads/2014/02/SQLstream_STORM_datasheet.pdf>

<https://storm.apache.org/about/integrates.html>

inherent parallelism with low latency

Good integration with other queuing system

Simple API

Fault-tolerant

AWS RedShift

<http://en.wikipedia.org/wiki/Amazon_Redshift>

Cloud computing support with massive parallel processing technology and therefore can handle large dataset

Can use analytical and BI tools

Azure SQL Database

<http://en.wikipedia.org/wiki/SQL_Azure>

allow making relational queries

cloud-based and data storage

backend by Microsoft SQL

Cloudant

<http://en.wikipedia.org/wiki/Cloudant>

Open source

Mapreduce

couchdb

<http://couchdb.apache.org>

Accessibility through web and html

[distributed scaling](http://en.wikipedia.org/wiki/CAP_theorem)

fault-tolerant

Using JS for Mapreduce

Open source

Database.com

<http://www.salesforce.com/platform/database/>

Cloud-based

Big Query

<http://en.wikipedia.org/wiki/BigQuery>

Mapreduce

EnterpriseDB

<http://en.wikipedia.org/wiki/EnterpriseDB>

Firebird

<http://en.wikipedia.org/wiki/Firebird_(database_server>)