

Libraries

Table API

Relational models + SQL

ML API

Machine learning

CEP

Pattern recognition

Table API

Relational models + SQL

ML API

Machine learning

Gelly

Graph processing

APIs

DataStream API

Stream processing

DataSet API

Batch processing

Core

Runtime

Distributed and fault-tolerant dataflow graph execution

Deploy

Bare-metal

Local, standalone cluster

Resource manager

YARN, Mesos

Containerized

Docker, Kubernetes