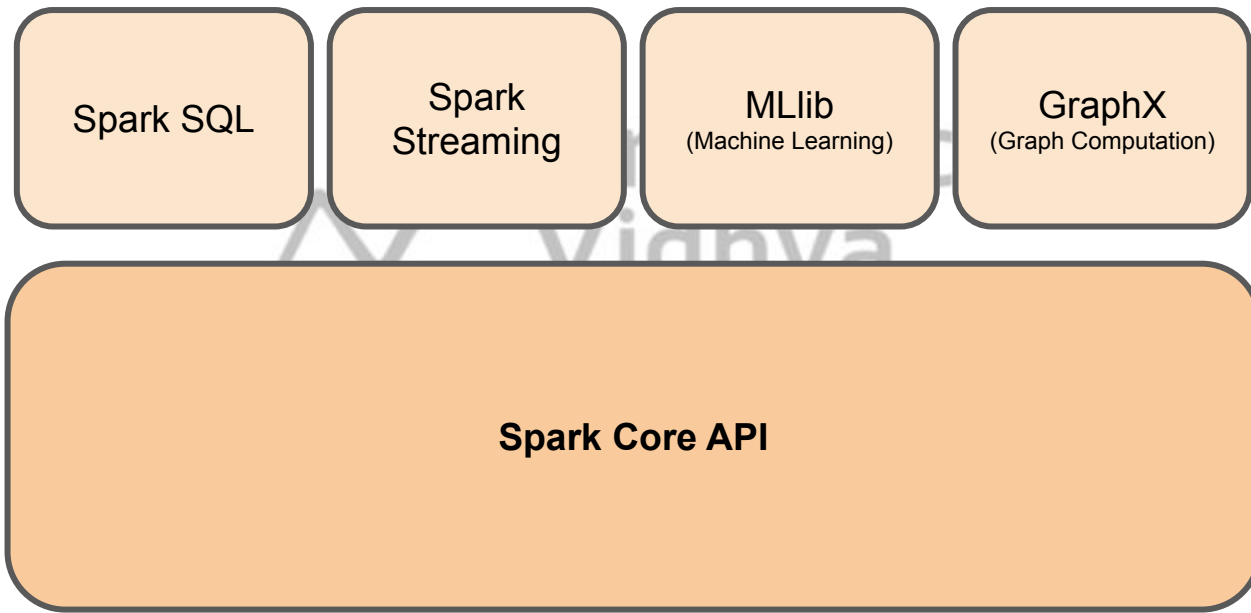


Spark Ecosystem

Spark Ecosystem



Spark Core API

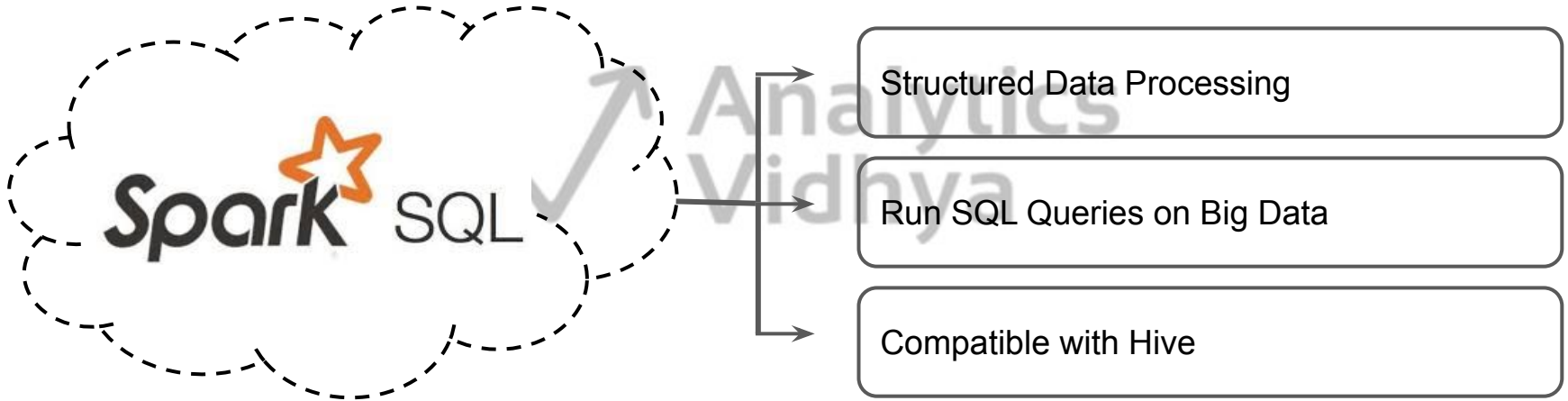
Memory
management

Scheduling &
Managing Jobs

Task Dispatching

Spark Core API

Spark SQL



Spark Streaming



Batch and Real-time data

Fast Failure Recovery

Structured Streaming

Compatible with Multiple Data Ingestion Tools.

MLlib (Machine Learning)



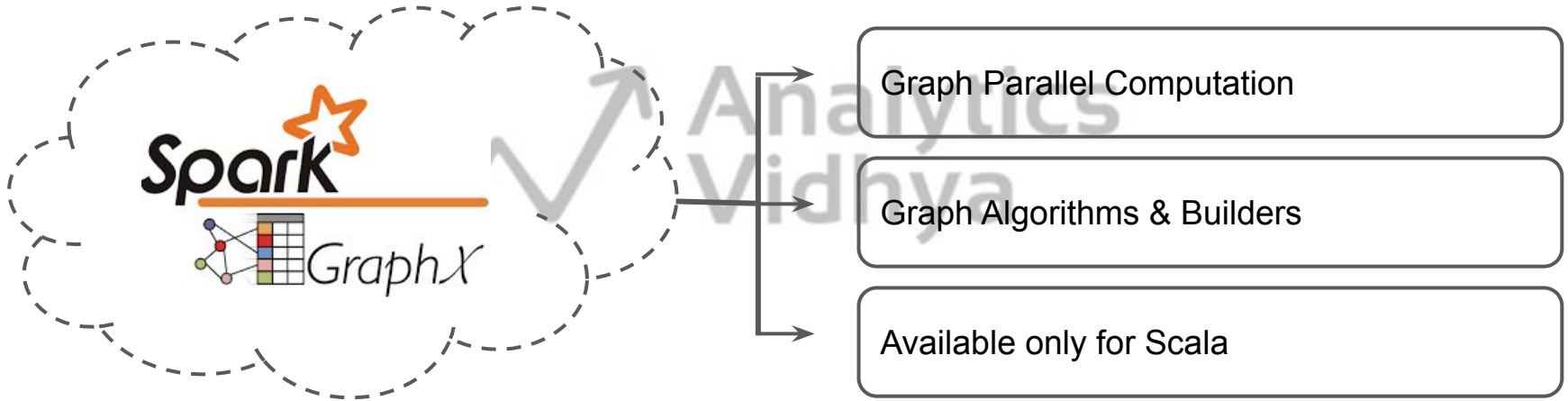
Scalable Machine Learning Library

Regression, Classification

Clustering, Collaborative Filtering

Machine Learning Pipelines

GraphX (Graph Computation)



Thank You!!

A large, faint, light gray watermark logo is centered on the slide. It features a stylized line graph with an upward-pointing arrow on the right side, followed by the text "Analytics Vidhya" in a sans-serif font.