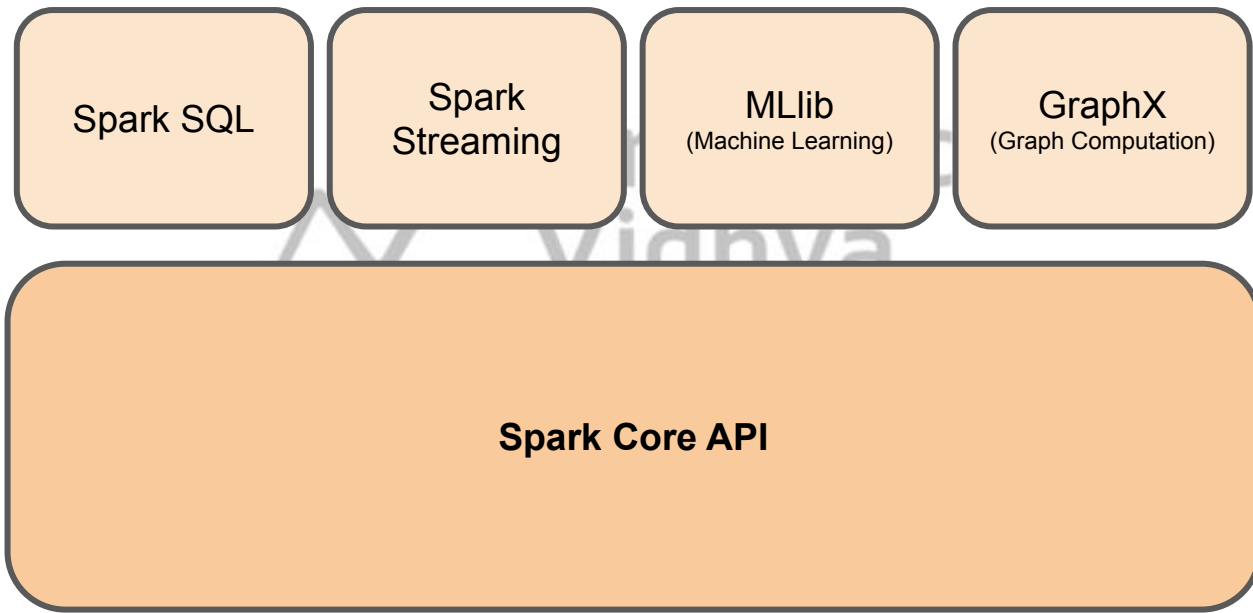


# Spark Ecosystem

# Spark Ecosystem



Spark Core API

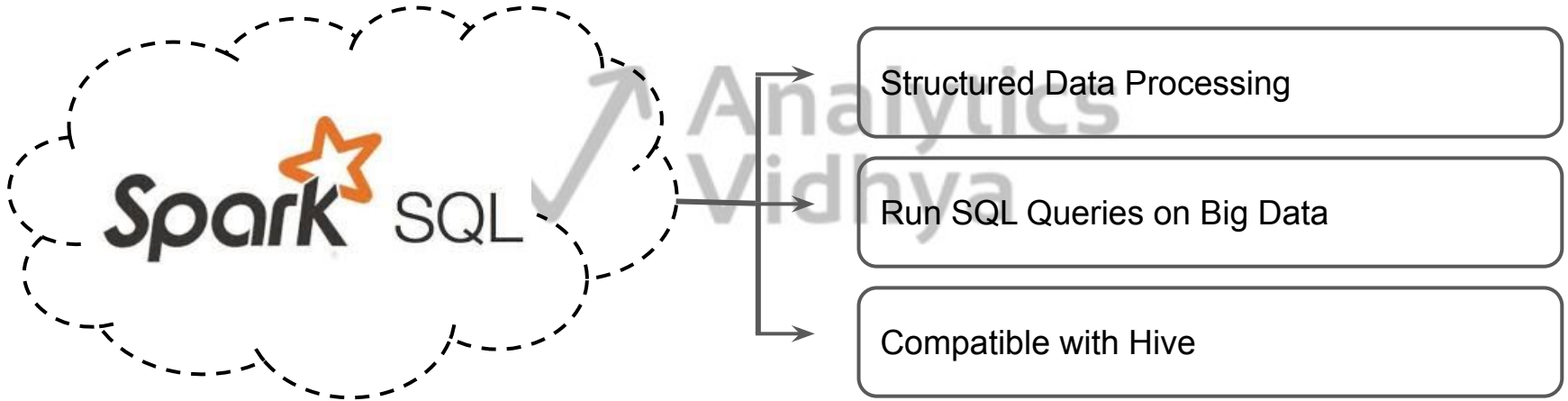
Memory  
management

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)



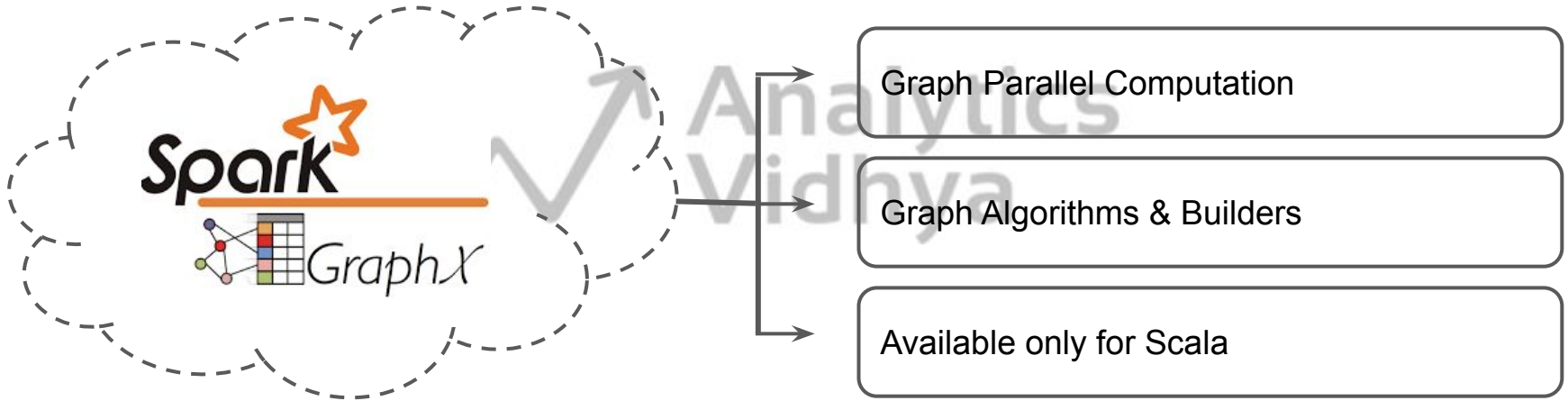
Scalable Machine Learning Library

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.