

Arquitecturas y Patrones de Diseño

Agenda

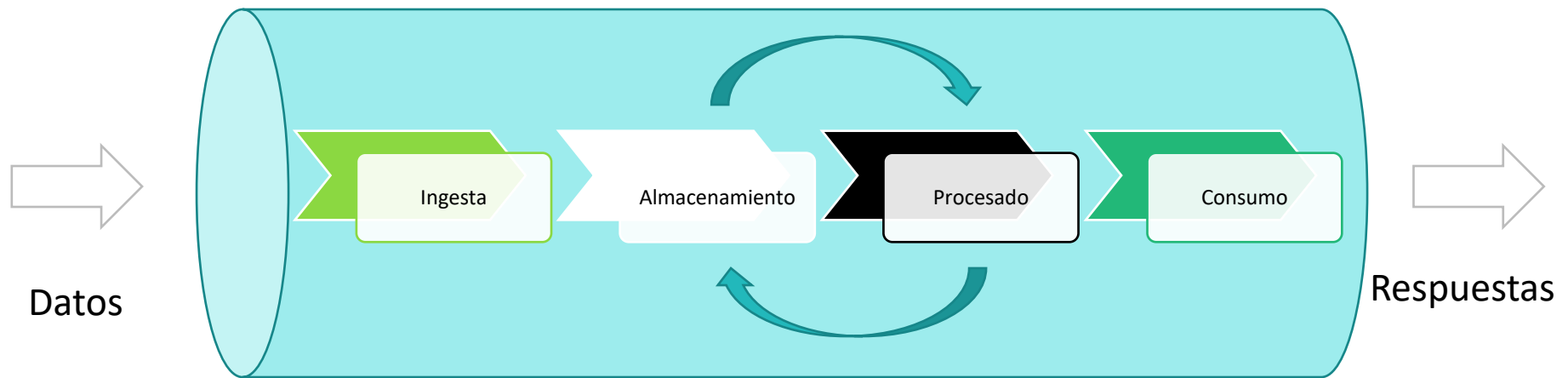
- Componentes de Arquitectura
- Procesamiento Batch
- Procesamiento Tiempo-Real

Concepto General

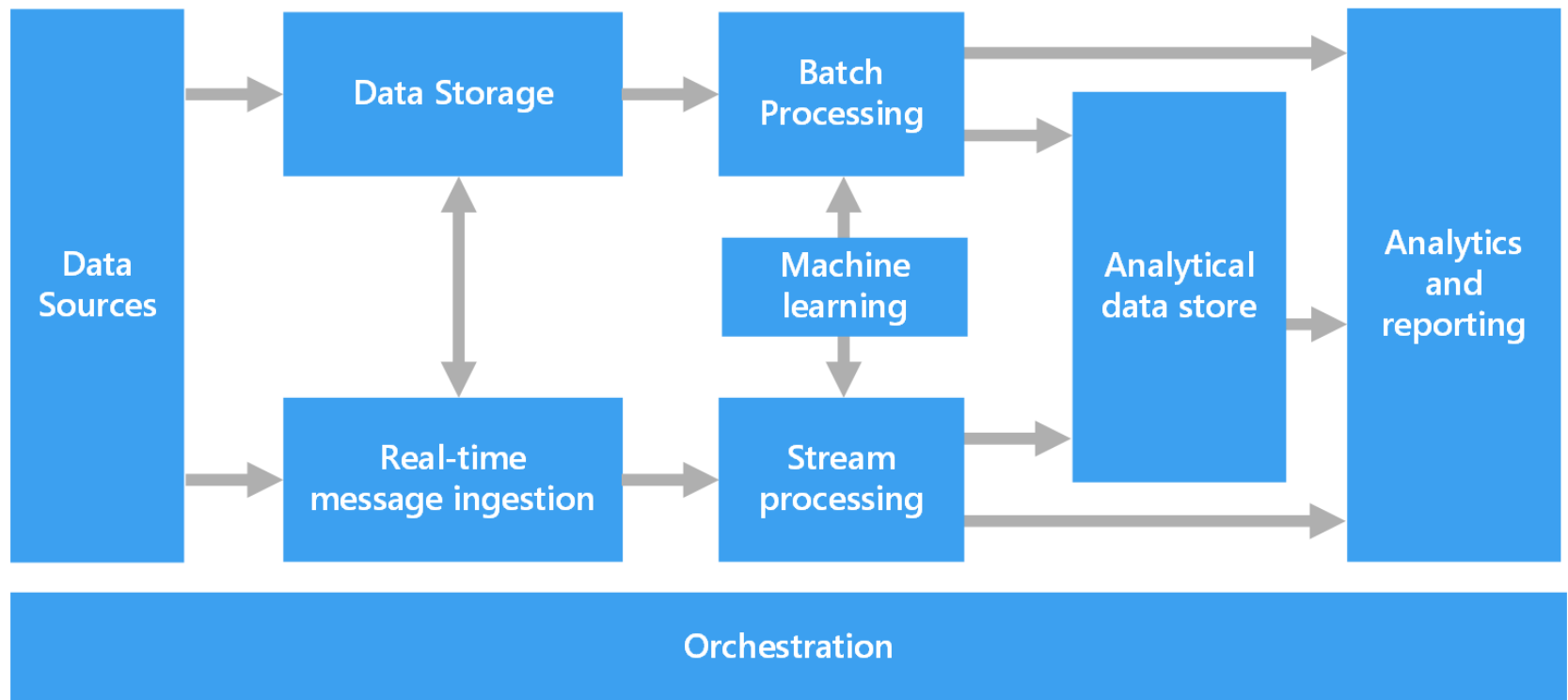
- Almacenar el dato como se va a consultar
- Bus de datos en varias etapas desacopladas
 - Múltiples pasos
 - Almacenamiento desacoplado de procesado



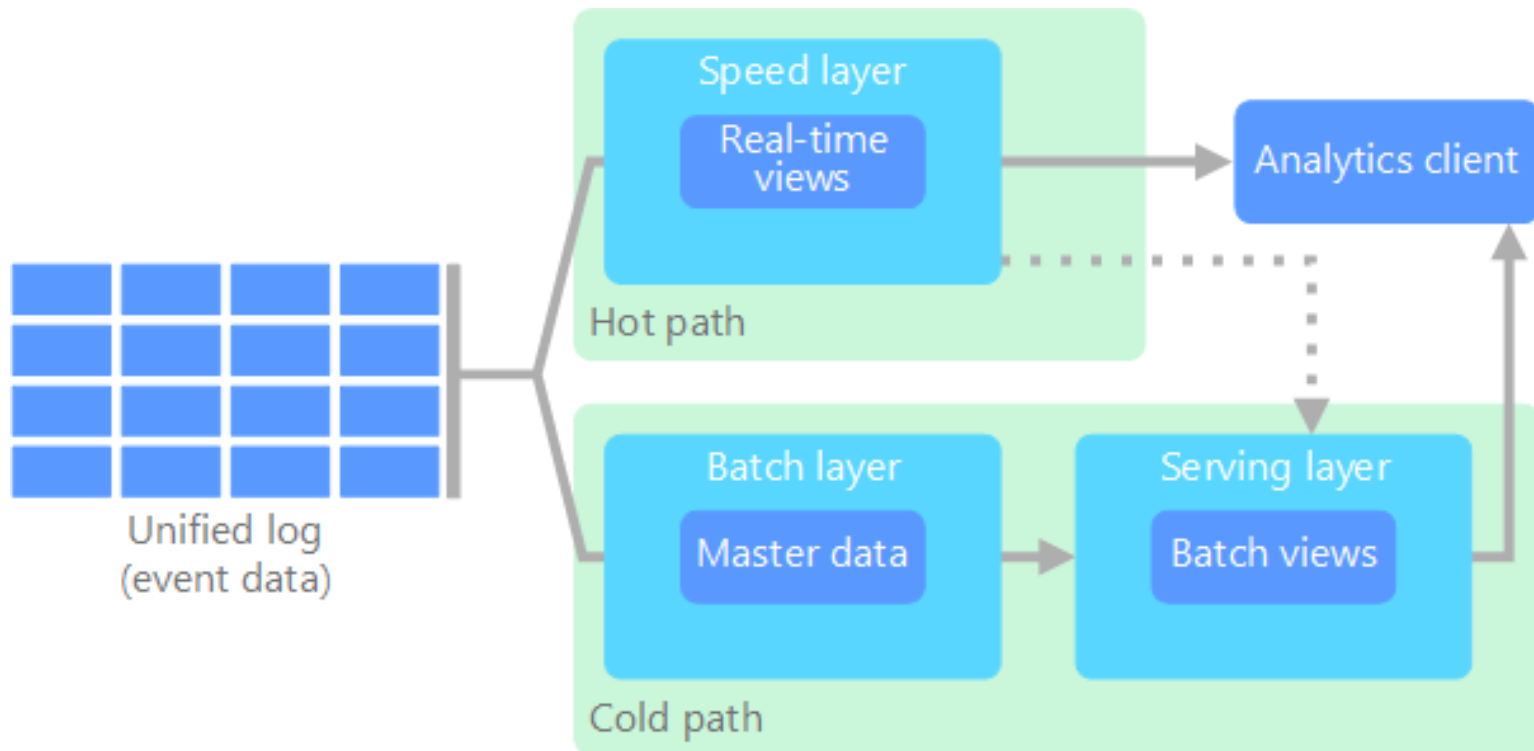
Simplificar el procesamiento Big Data



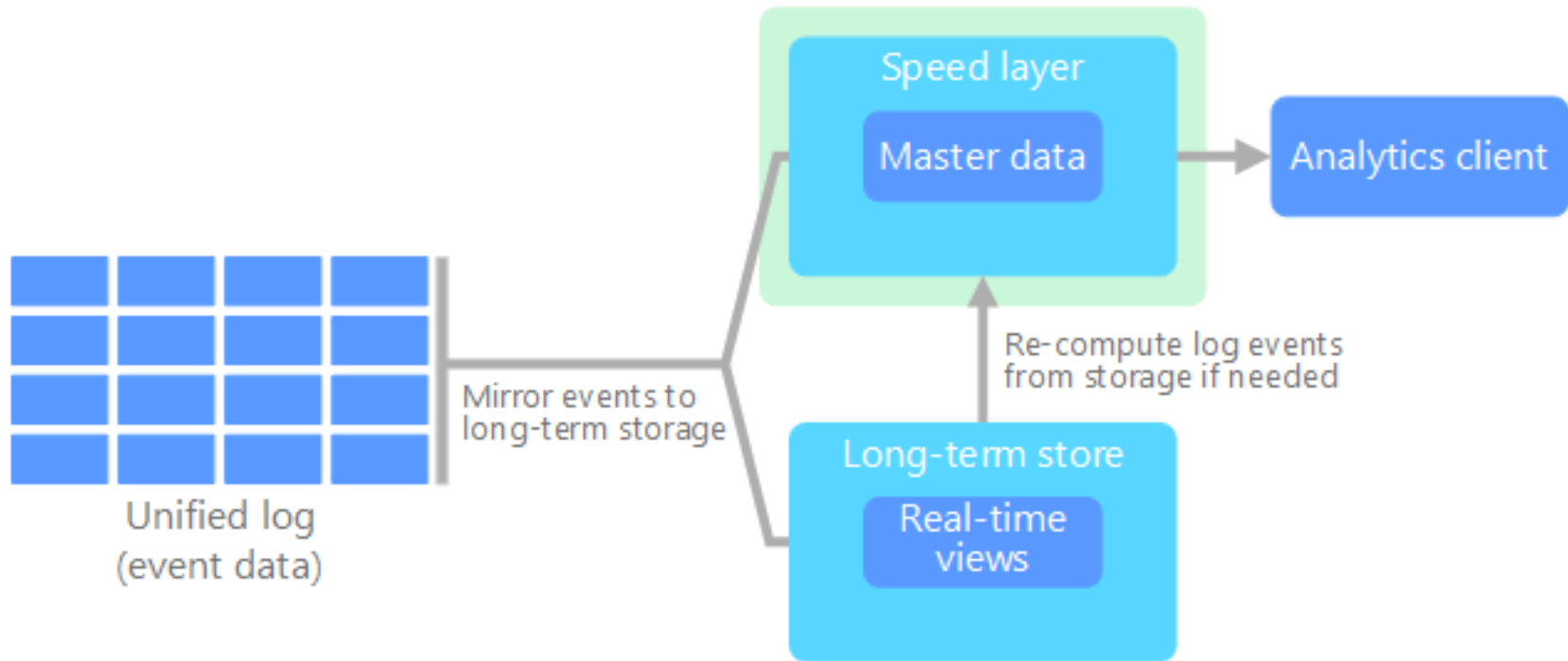
Componentes de Arquitectura



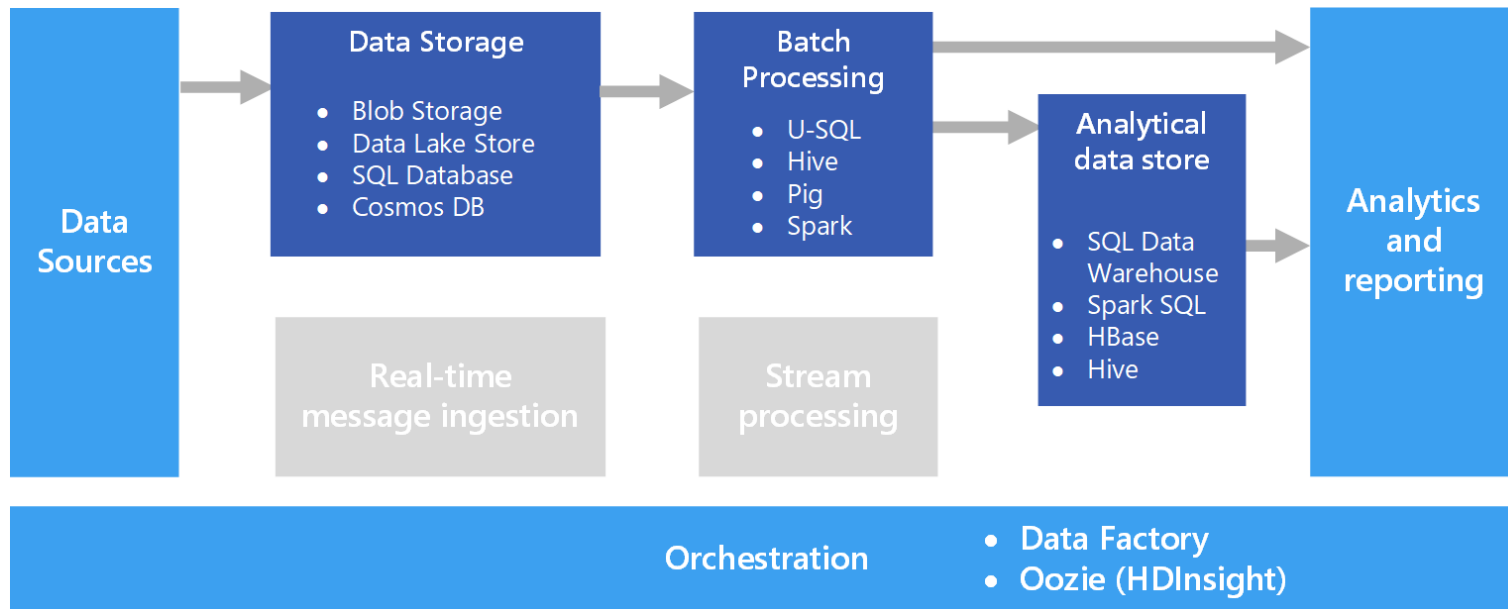
Arquitectura Lambda



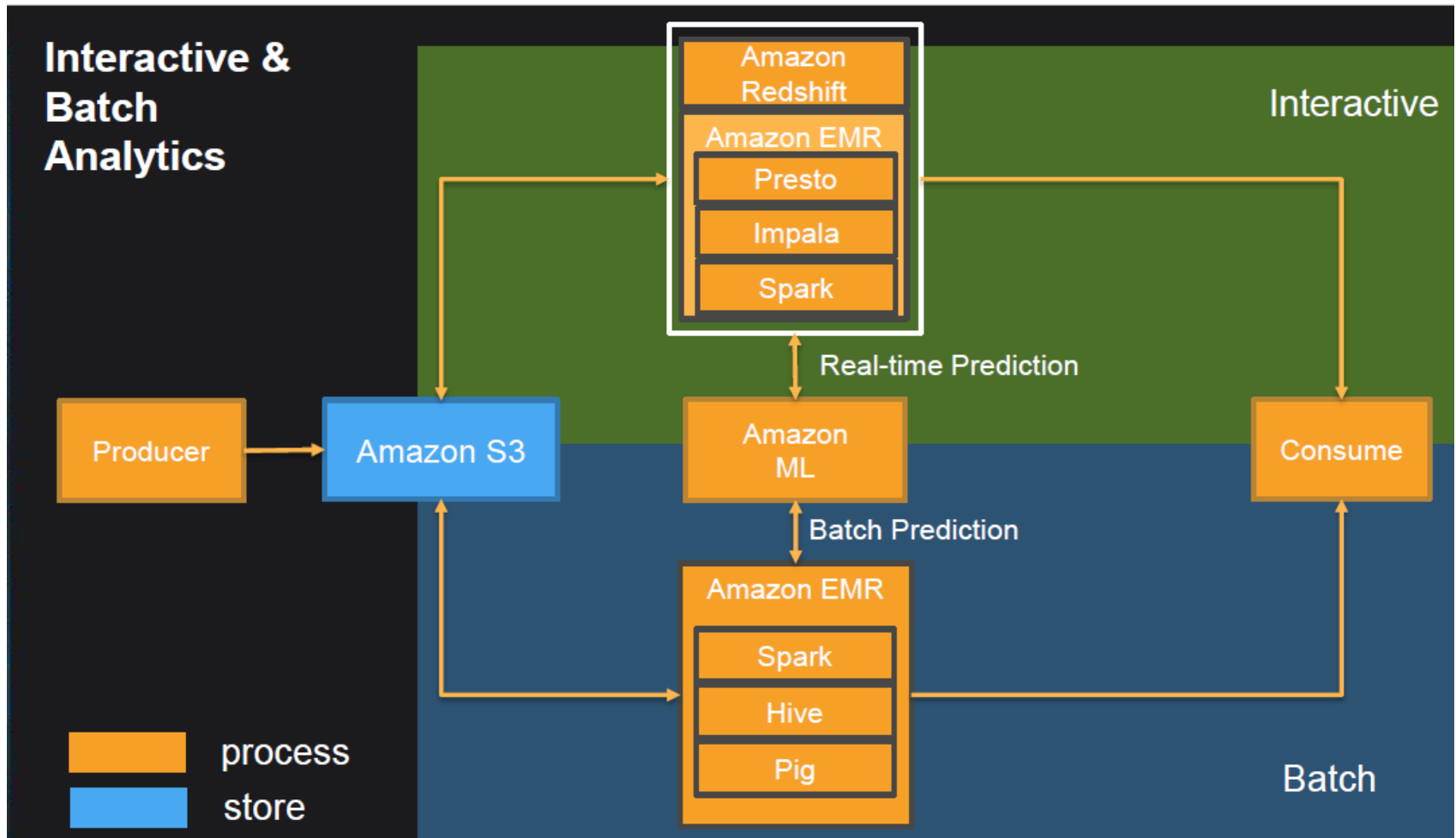
Arquitectura Kappa



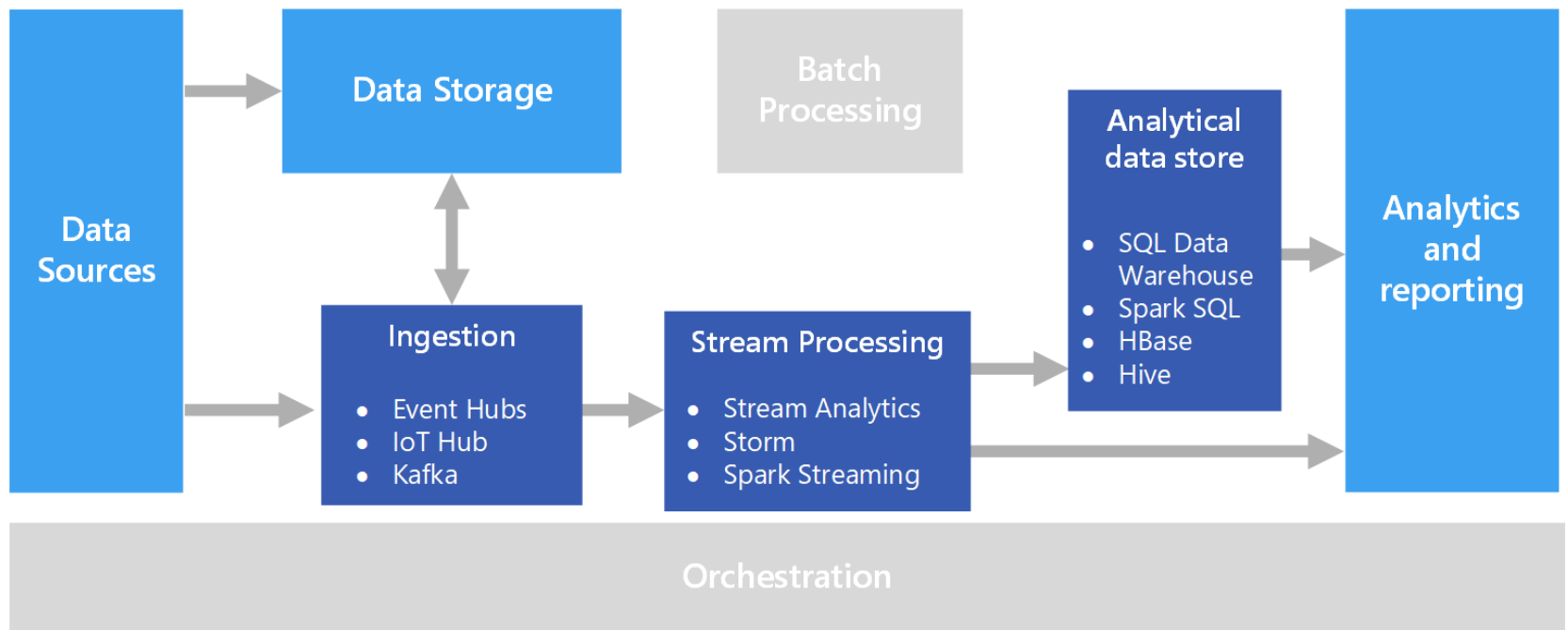
Procesamiento Batch (MSFT)



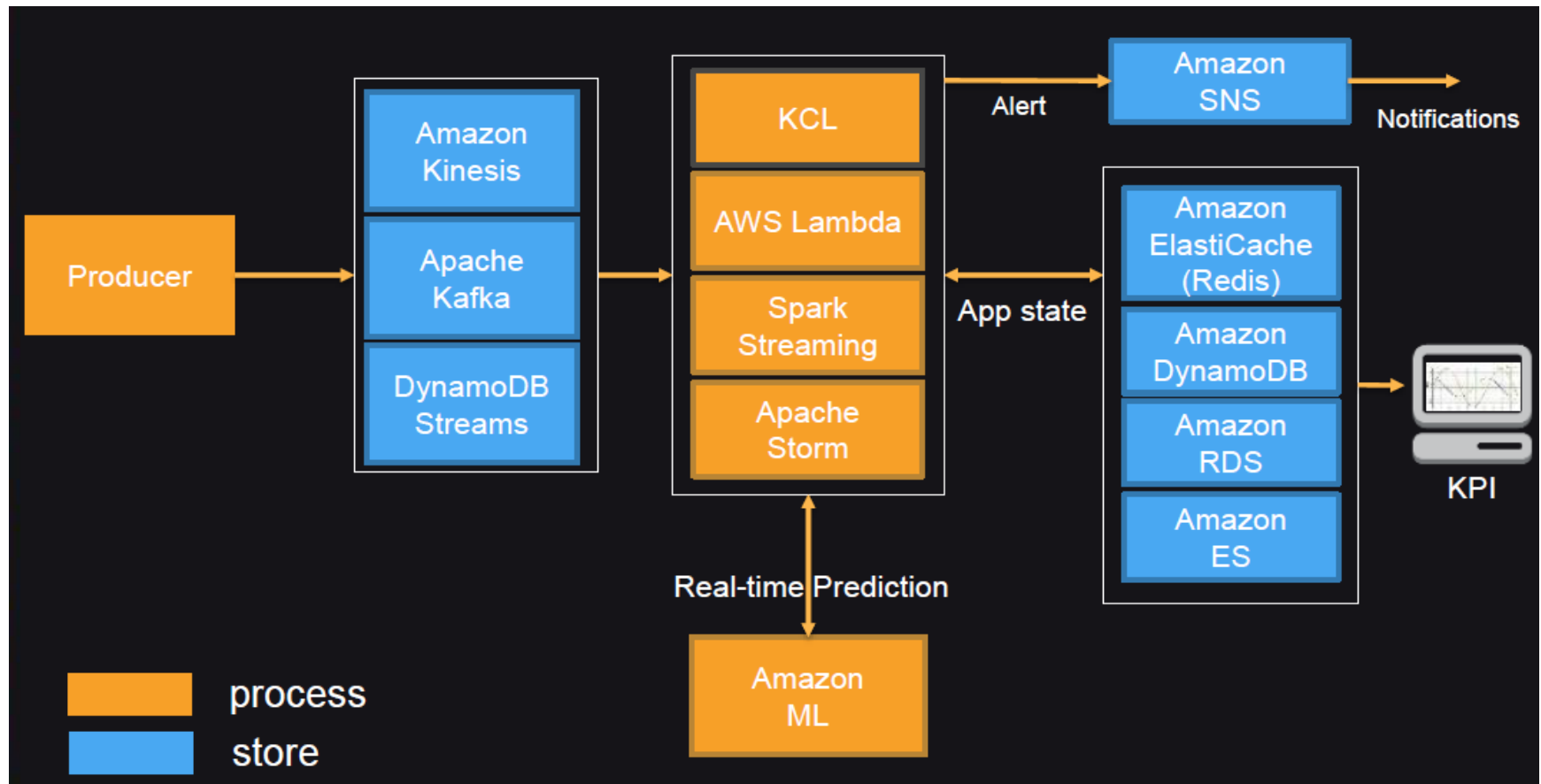
Interactivo y Batch (AWS)



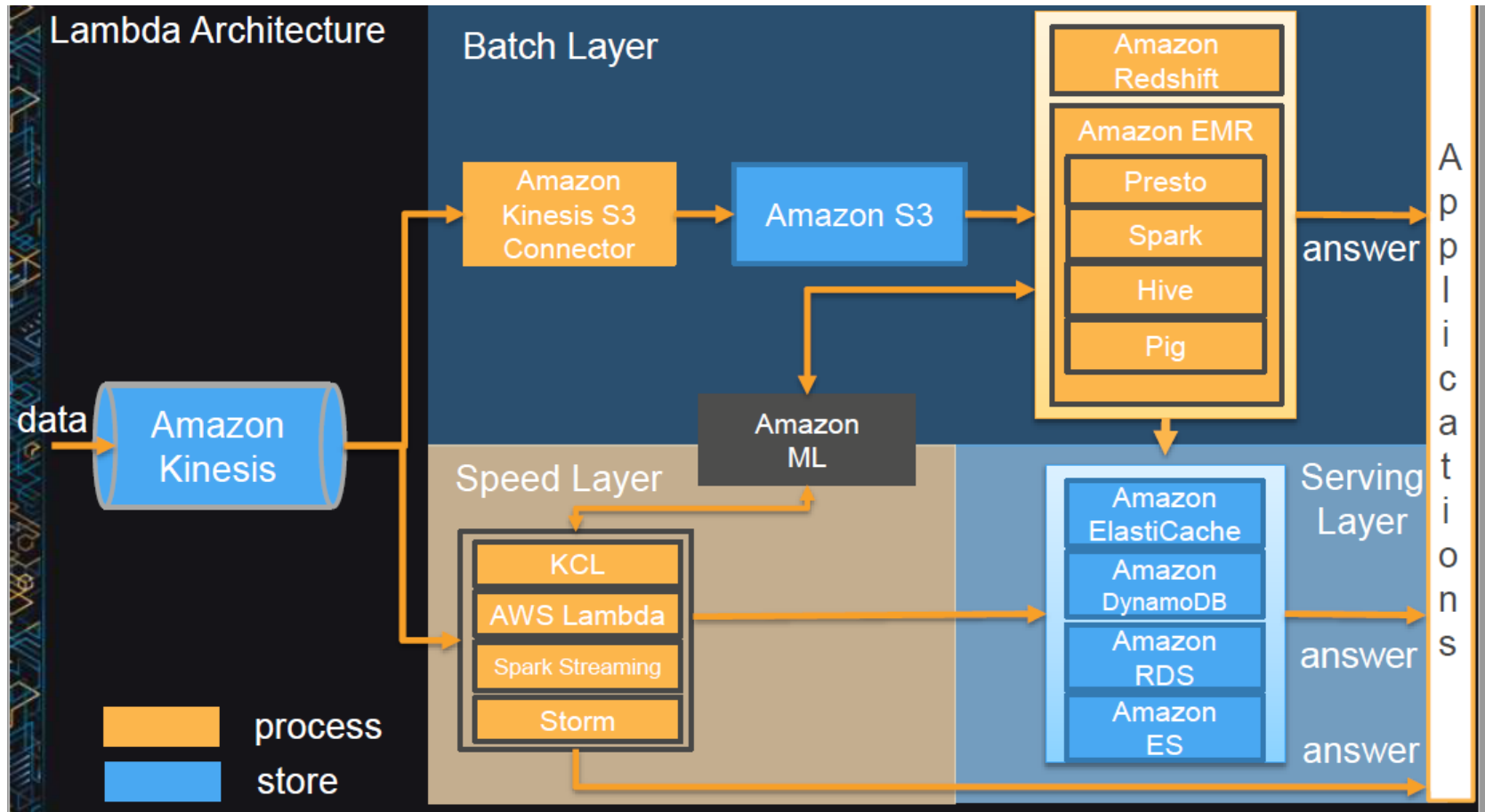
Real-Time (MSFT)



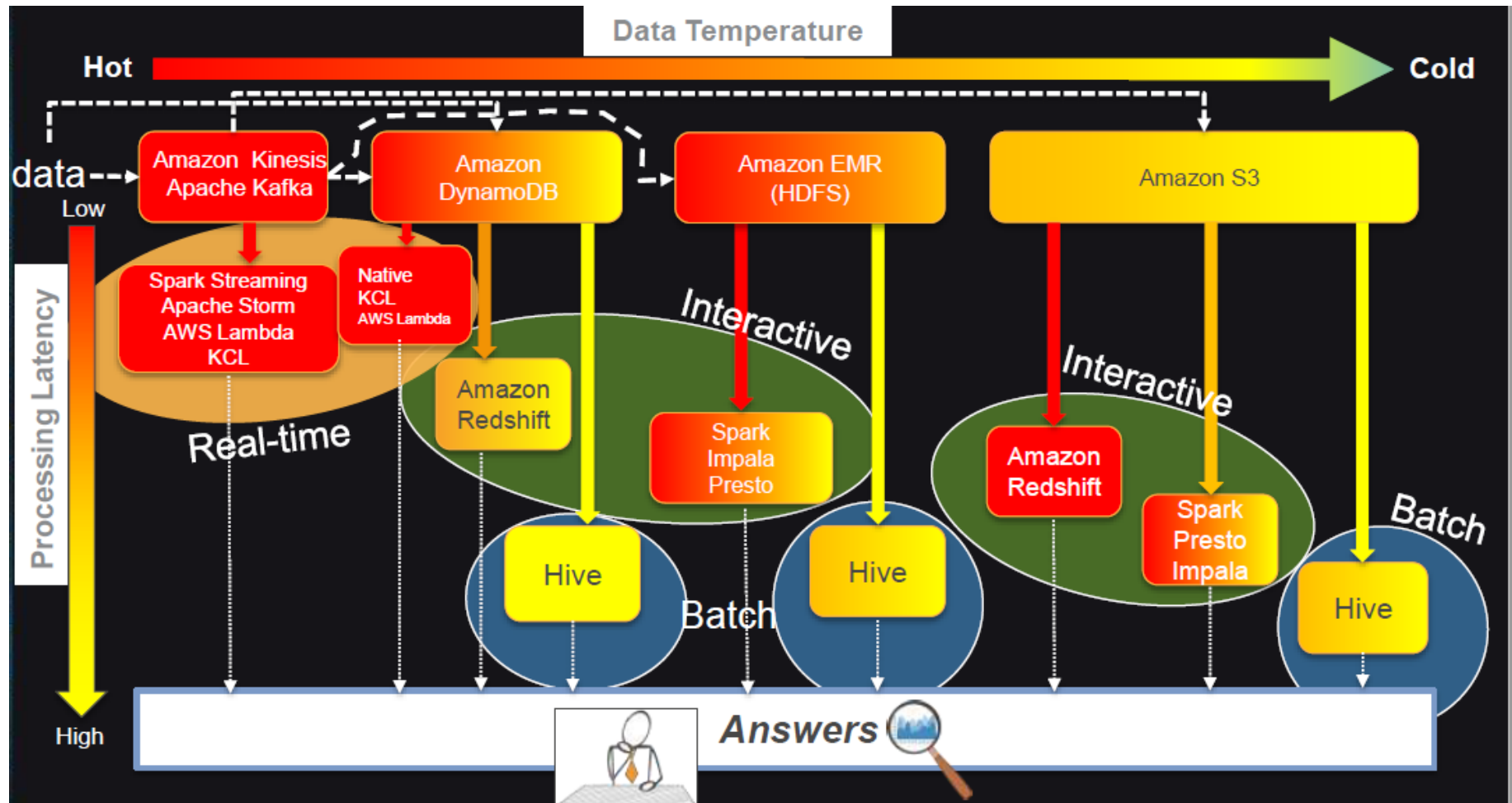
Real-Time Analytics (AWS)



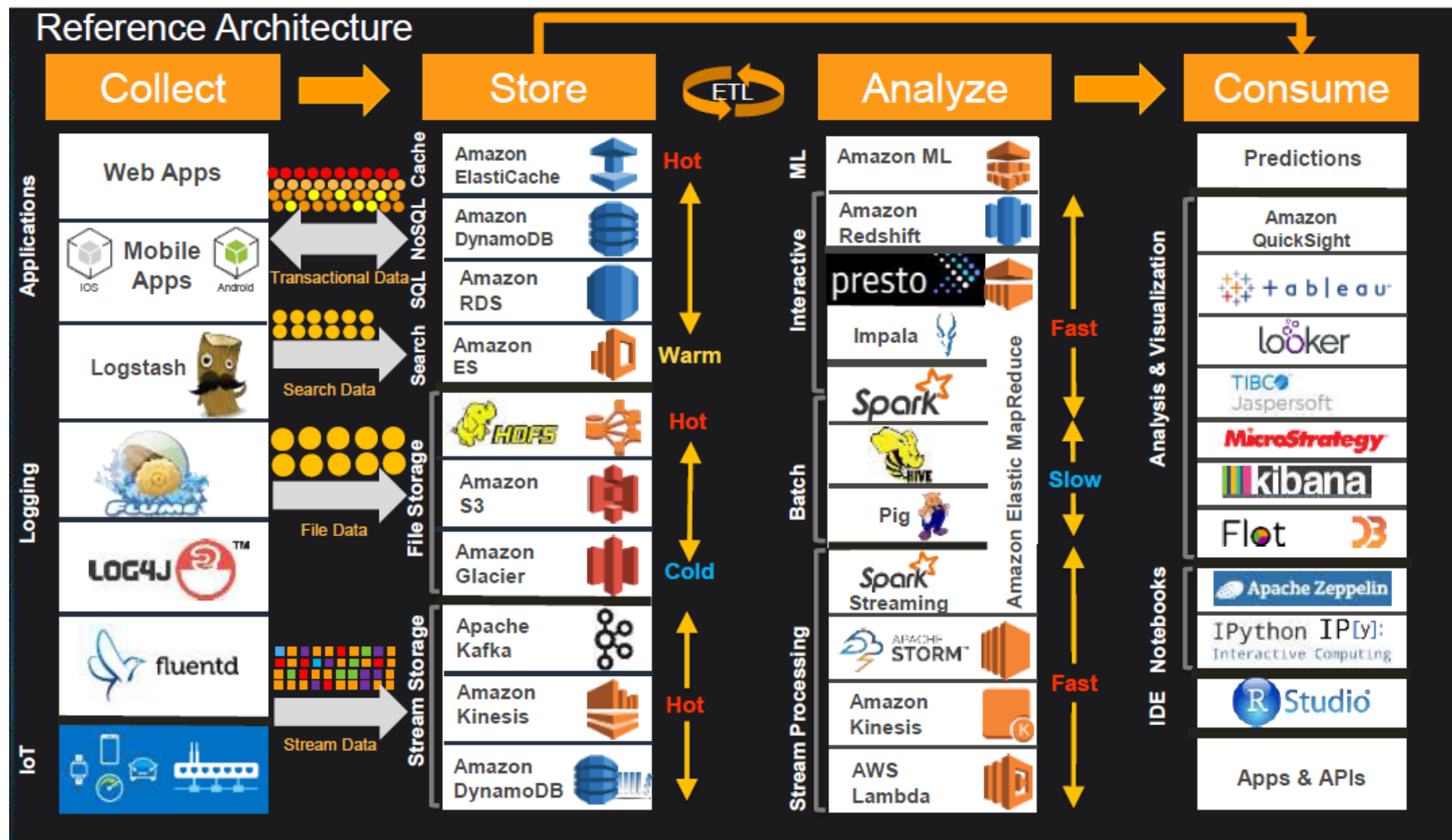
Arquitectura Lambda (AWS)



Temperatura Datos vs Latencia Procesado (AWS)



Arquitectura de Referencia AWS



Arquitectura de Referencia MSFT

