


Getting Real(-Time)

By Zander Matheson

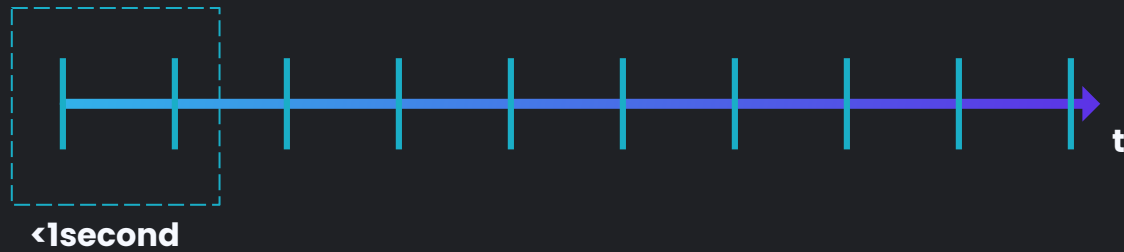
 @MathesonZander
CEO/Founder @ bytewax.io

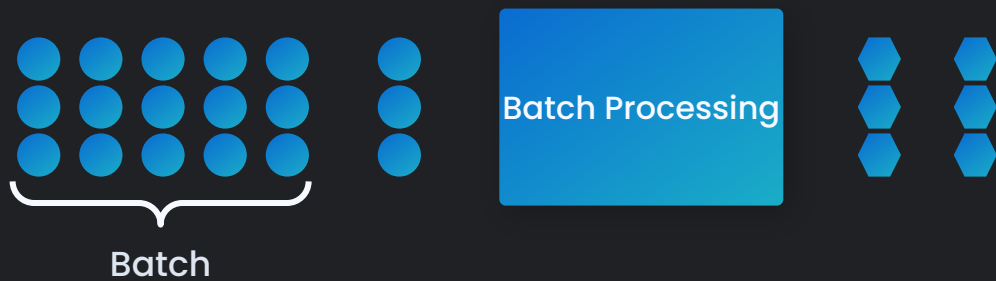
- Defining Real-Time, Streaming and Batch
- Real-Time Processing
- Case Studies
- Architecture
- Real-Time Landscape

→ **Defining Real-Time, Streaming and Batch**

- Real-Time Processing
- Case Studies
- Architecture
- Real-Time Landscape

What is Real-Time?





- Defining Real-Time, Streaming and Batch
- **Real-Time Processing**
- Case Studies
- Architecture
- Real-Time Landscape



Analytical

Operational

Analytical

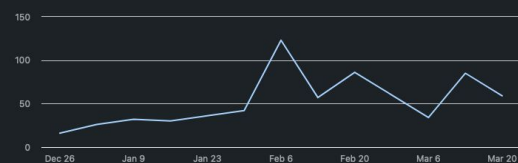
- ✓ Low Latency
- ✓ Freshness
- ✓ Retrieval

Who's viewed your profile

Past 90 days Company Industry Location All filters Reset

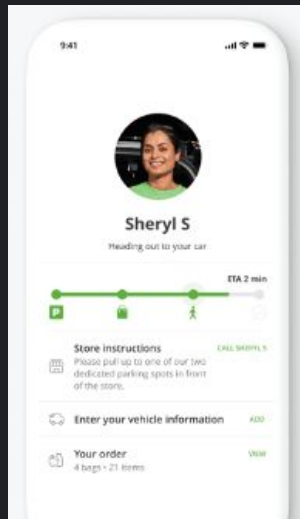
605

Profile viewers
▼ 31% previous week



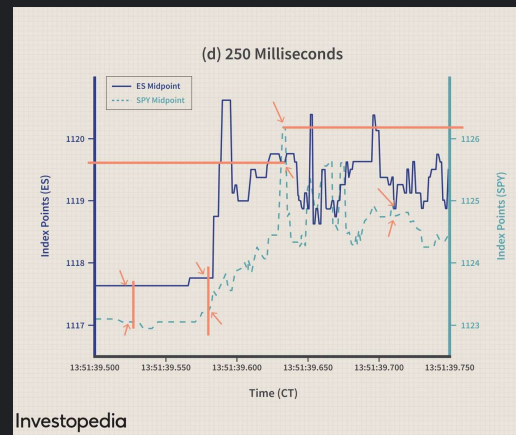
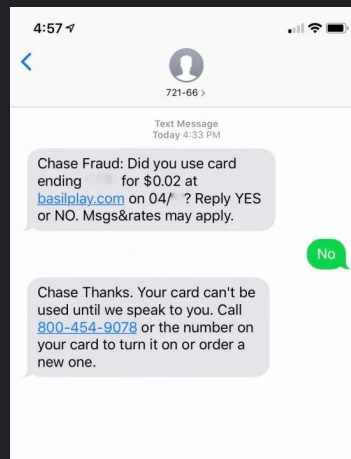
Add key skills to increase the chance you're discovered for the right jobs.
Get key skill suggestions

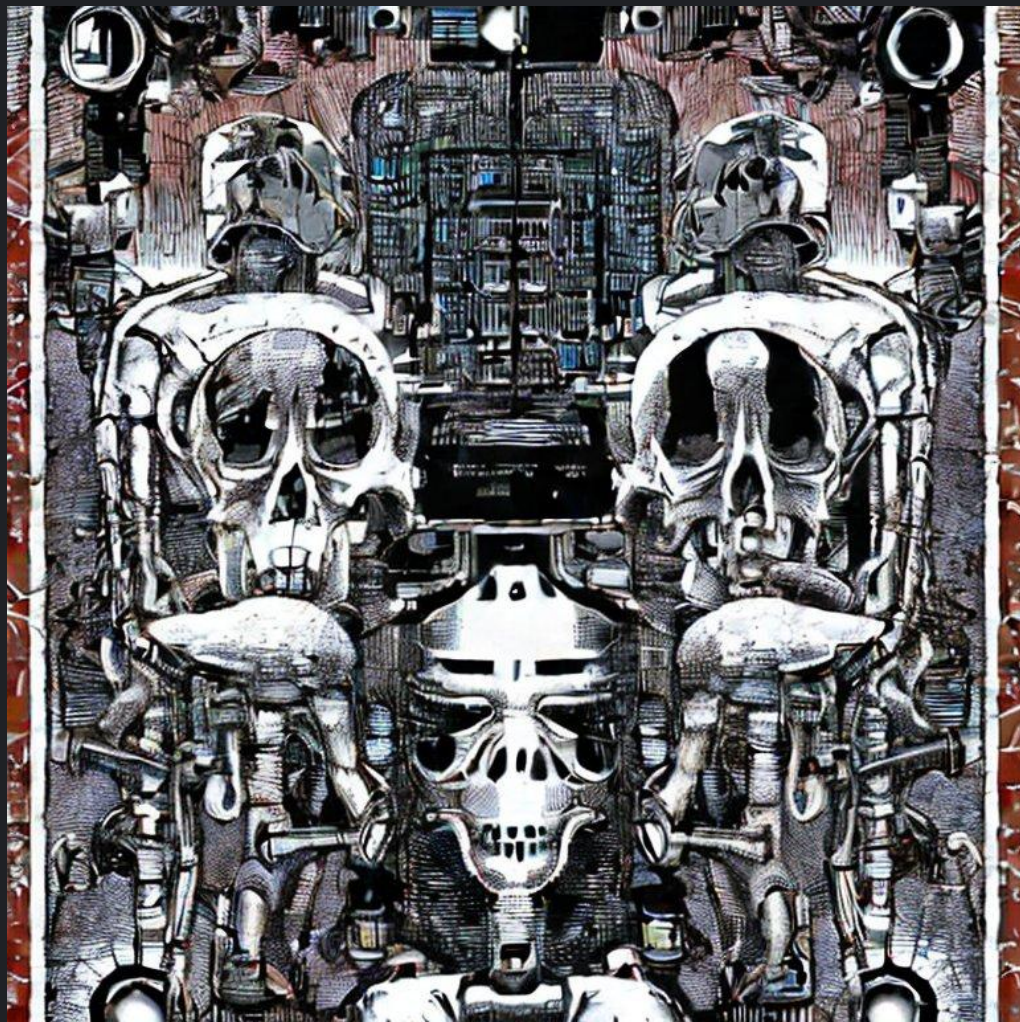
Show more Premium analytics



Operational

- ✓ Low Latency
- ✓ Freshness
- ✓ Reactive





Credit Stable Diffusion

- Defining Real-Time, Streaming and Batch
- Real-Time Processing
- **Comparing Case Studies**
- Architecture
- Real-Time Landscape

Trending

See what the GitHub community is most excited about today.


Repositories

Developers

Spoken Language: Any

Language: Any

Date range: Today

 **THUDM / ChatGLM-6B**





ChatGLM-6B: 开源双语对话语言模型 | An open bilingual dialogue language model

Python

4,205

325

Built by




☆

Star

▼

☆

1,211 stars today

 **comfyanonymous / ComfyUI**





A powerful and modular stable diffusion GUI with a graph/nodes interface.

Python

1,606

129

Built by




☆

Star

▼

☆

252 stars today

 **exaloop / codon**





A high-performance, zero-overhead, extensible Python compiler using LLVM

C++

8,152

283

Built by




☆

Star

▼

☆

705 stars today

 **chathub-dev / chathub**


All-in-one chatbot client

TypeScript

1,202

105

Built by



☆

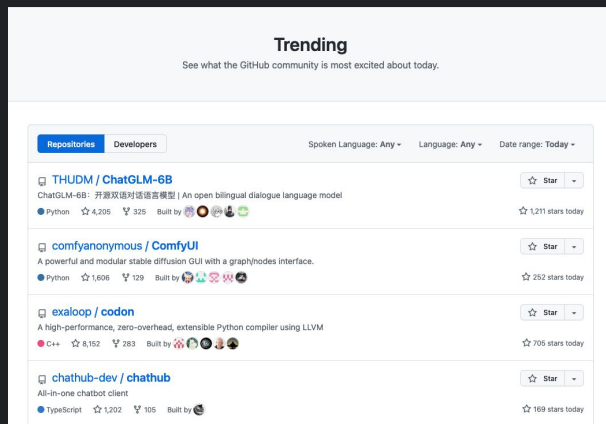
Star

▼

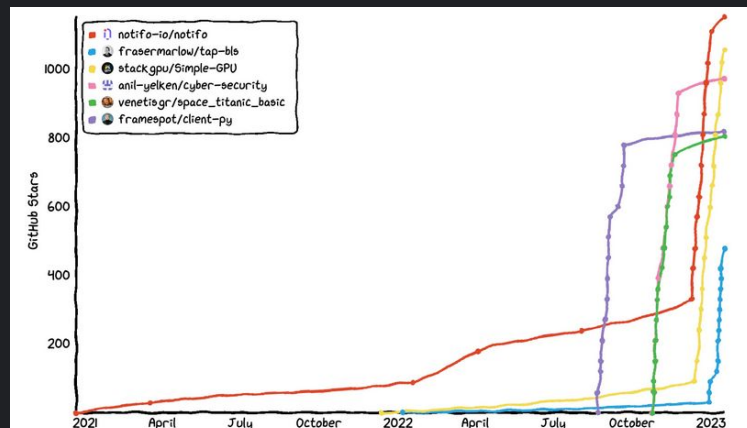
☆

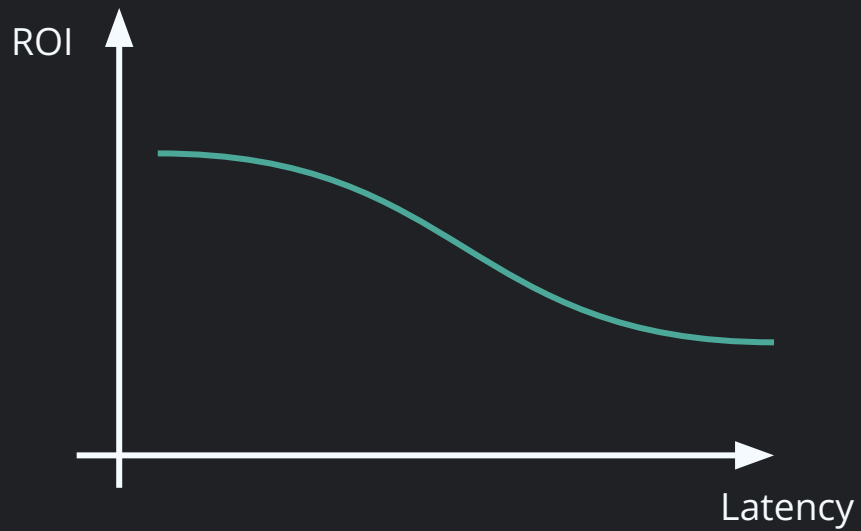
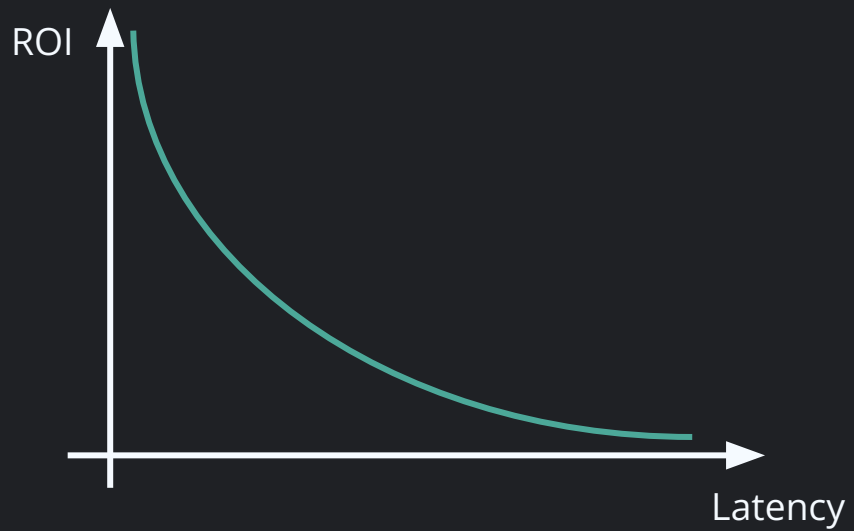
169 stars today

Analytical



Operational

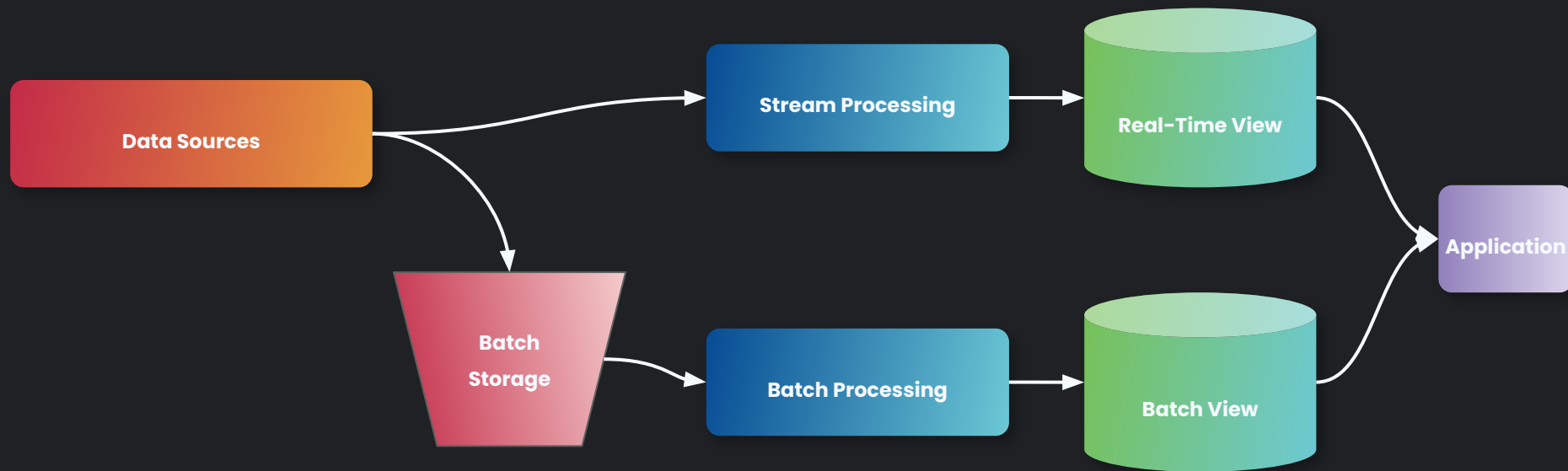




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- Real-Time Processing
- Case Studies
- **Architectures**
- Real-Time Landscape

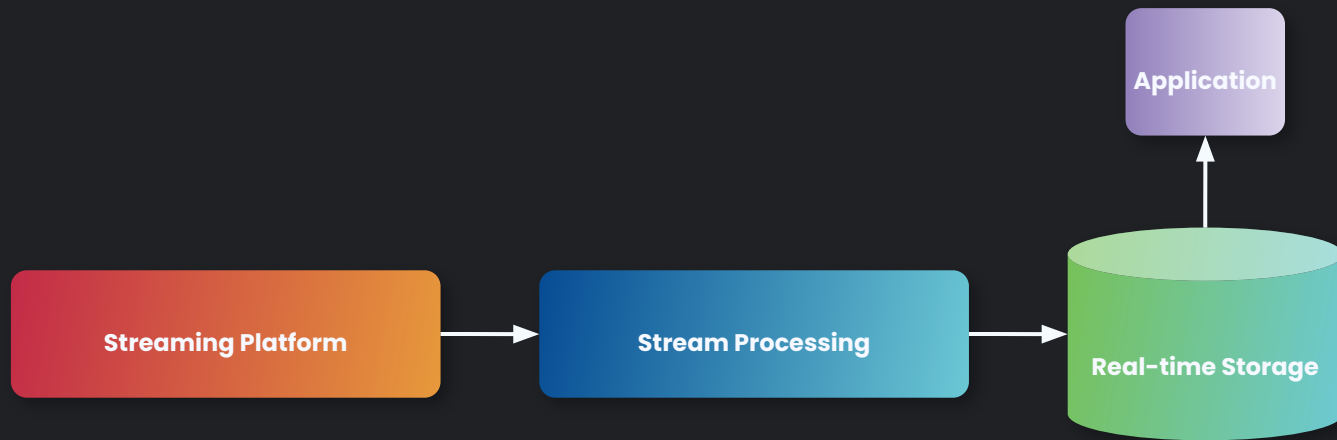
Lambda Architecture

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Kappa Architecture

20



- Defining Real-Time, Streaming and Batch
- Real-Time Processing
- Batch vs. Streaming
- Case Studies
- Architecture
- **Real-Time Landscape**



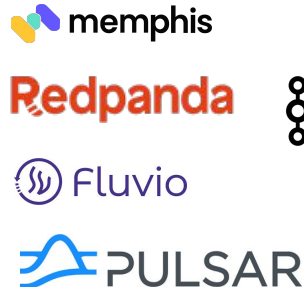
Capture/Ingest

Streaming Storage

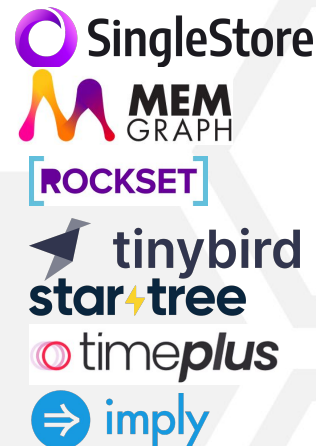
Operational Processing

Analytical Processing

Open Source/
Source
Available



Hosted



Capture/Ingest

Streaming Storage

Operational Processing

Analytical Processing

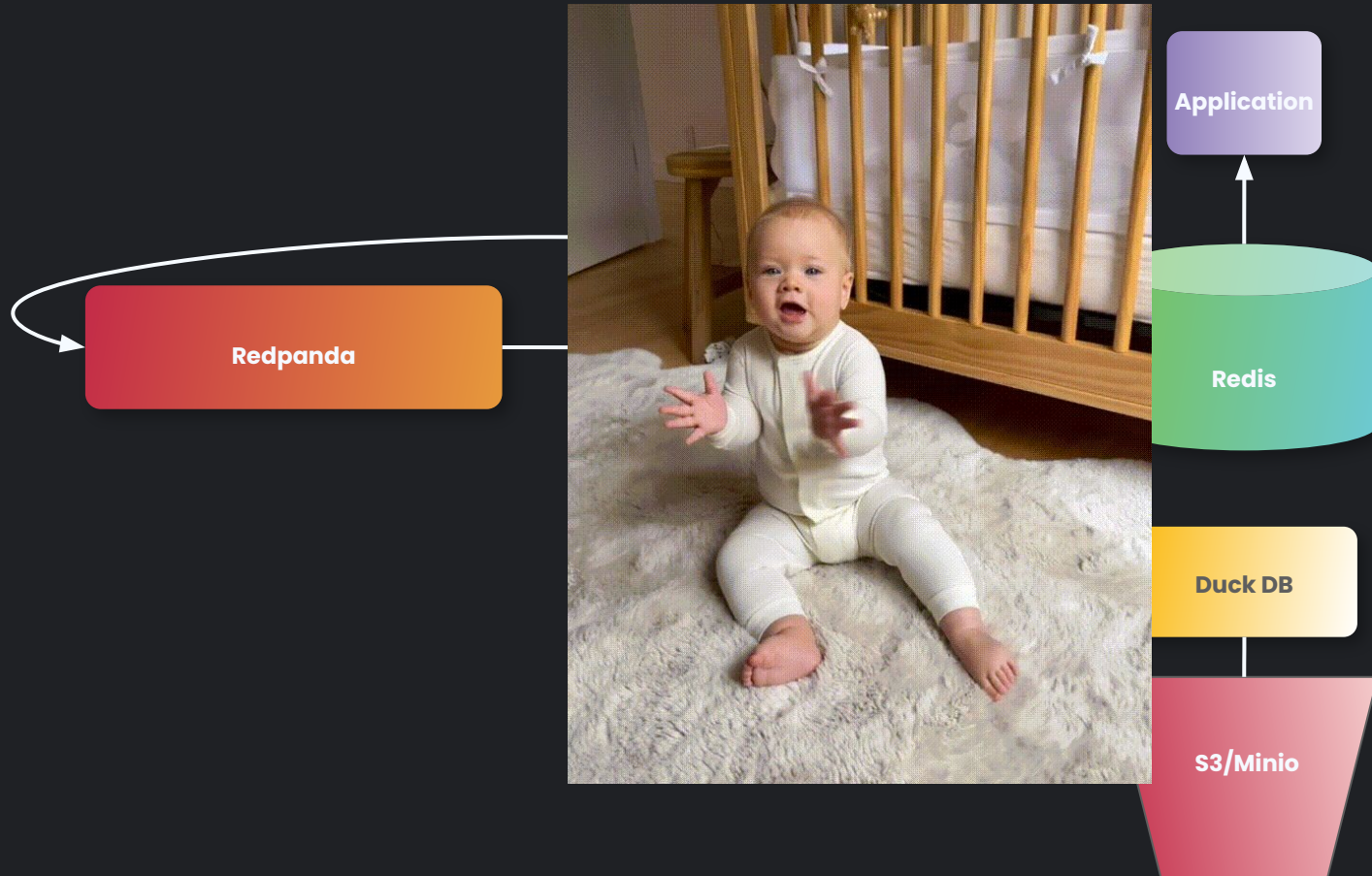
Open Source/
Source
Available




- Defining Real-Time, Streaming and Batch
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- Batch vs. Streaming
- Case Studies
- Architecture
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- **Bonus Section**

Zaia Architecture

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