ZeroETL & Virtual Data Marts: The Cutting Edge of Lakehouse Architecture - Q&A

Embark on a transformative journey with our insightful presentation, "ZeroETL & Virtual Data Marts: The Cutting Edge of Lakehouse Architecture." In this engaging session, we'll delve into the intricacies of modern data engineering and how it has evolved to address key pain points in the realm of data processing.

Our presentation illuminates the challenges data engineers face, from the complexities of backfilling and brittle pipelines to the frustration of sluggish data delivery. We'll introduce you to the high-impact concepts of ZeroETL and Virtual Data Marts, demonstrating how these innovative patterns can dramatically alleviate these common pains. By reducing the need for manual data movement and preparation pipelines, you'll discover a more efficient, agile, and responsive data ecosystem.

Join us for a practical guide to implementing these transformative patterns. We'll walk you through the steps to bring the power of ZeroETL and Virtual Data Marts into your own data landscape. Leveraging cutting-edge tools like Dremio, DBT, and more, you'll gain hands-on experience in designing and deploying these patterns to streamline your data workflows and supercharge your analytics capabilities.

Don't miss this opportunity to stay at the forefront of data architecture, enabling your organization to harness data's full potential while reducing complexity and overhead. Join us for an exploration of the future of data engineering – a future where ZeroETL and Virtual Data Marts pave the way for data agility, speed, and innovation.

Alex Merced
Developer Advocate
Dremio

Show's Q&A

1. **Which use cases do you have in mind for the e2e no-etl pipeline - having in mind that most sources do not provide the necessary data history?**
   Answer: Great for a data lakehouse, although needs like data history can leverage things like Apache Iceberg snapshots, or general table snapshotting as techniques to maintain. While some ETL work would be needed to meet any data history retention needs, it is still far less that it would be without Dremio.

2. **Are these reflections automatically taken while selecting data from base data when the optimizer detects that the reflection may solve the query faster?**
   Answer: No, you'd have to run SQL recommended by the reflection recommender to create recommended reflections.

3. **What is the difference between Dremio and IBM Watson data?**
   Answer: Not sure I understand this question.