Trino/Starburst Training:
Pipelines, views & data products

Starburst Academy
v1.0.0

Session
3 of 5

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Connection Before Content

Lester Martin - **https://about.me/lestermartin**

- Educational Engineer @ Starburst
  - Build the content
  - Teach the class
  - Repeat
- 30 years of technology experience
  - Started my journey on a TRS-80 Model III
  - Played most every role, but consider myself a programmer at my core
  - Half of career in transactional systems and the second half in analytical processing
  - A DECADE of "big data" experience to include
    - Trino/Starburst, Hadoop, Hive, Spark
    - NiFi, Kafka, Storm, Flink
    - HBase, MongoDB

Session #3 objectives

- Present the reference architecture spanning multiple zones
  - Land
  - Structure
  - Consume
- Build a SQL-based pipeline that spans the reference architecture's zones
- Create and secure granular data products for your downstream consumers

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SO... we'd better get moving!!

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POIs

- The lab guide has it ALL!
- The S3 credentials will expire after the weekend
- A NEW SESSION EVERY 2 WEEKS
  - ~~January 31st – *Creating & querying data lake tables*~~
  - ~~February 14th – *Modern table formats & Apache Iceberg (Happy Valentine's Day!!)*~~
  - February 28th – *Materialized views & data pipelines*
  - March 13th – *Experience Warp Speed in action*
  - March 27th – *Transformation processing with PyStarburst*
- Copy/n/paste in bulk with accompanying `Webinar3-SQL.txt` file

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Sessions 1 & 2 recordings available

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Today's approach

- I'm going to perform the labs myself & you can…
  - do them along with me
  - or just watch (and maybe do later)
- We ALL come from DIFFERENT experiences & backgrounds, so…
  - **ASK QUESTIONS**
    - **FILL UP THE CHAT!**
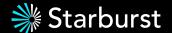   - **SHARP FOLKS THERE TO ADDRESS YOUR QUESTIONS!!**

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