

Trino/Starburst Training: Experience Warp Speed in action

Starburst Academy
v1.0.0



**Session
4 of 5**



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 #4 objectives

- Understand the architecture of this autonomous data lake acceleration technology
- Query tables on standard and accelerated clusters to showcase the performance gains from the smart indexing and caching that occurs
- Explore the web UI's visualizations on how beneficial Warp Speed was for your queries

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

POIs

- The lab guide has it ALL!
- This lab will BURN SOME OF YOUR FREE CREDITS!!
- 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 **Webinar4-SQL.txt** file

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Sessions 1-3 recordings available

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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HANDS-ON LABS!!

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