

HEX+ Snowflake

Tim Spann, Senior Solutions Engineer





HEX | snowflake

Hackathon

July 15, 2025 | 9am – 1pm

44 W 18th St., NYC



MEET US AT AWS SUMMIT NY AND LEARN MORE ABOUT THE AI DATA CLOUD

July 16, 2025 | New York City, NY

Booth #101 - Level 3



Tim Spann

paasdev.bsky.social

@PaasDev // Blog: datainmotion.dev

Senior Solutions Engineer, Snowflake

NY/NJ/Philly - Cloud Data + AI Meetups

ex-Zilliz, ex-Pivotal, ex-Cloudera, ex-HPE,
ex-StreamNative, ex-Hortonworks.

<https://medium.com/@tspann>
<https://github.com/tspannhw>



AI + Streaming Weekly by Tim Spann



<https://bit.ly/32dAJft>

This week in Snowflake, Apache NiFi, Apache Flink, Apache Kafka, ML, AI, Streamlit, Jupyter, Apache Iceberg, Apache Polaris, Python, Java, LLM, GenAI, Vectors and Open Source friends.

AI Data Events - NYC + NJ + Philly + Virtual



<https://lu.ma/PINSAI>



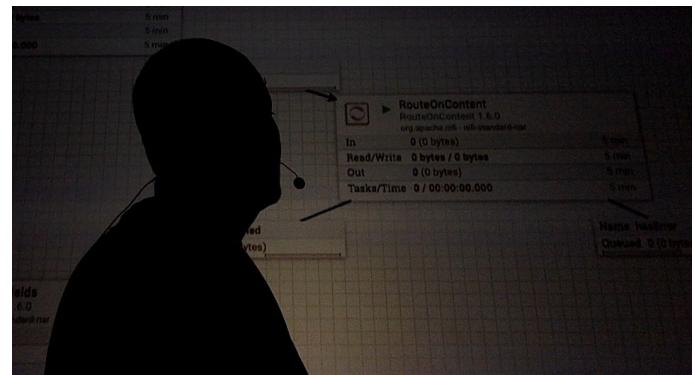
@PaasDev



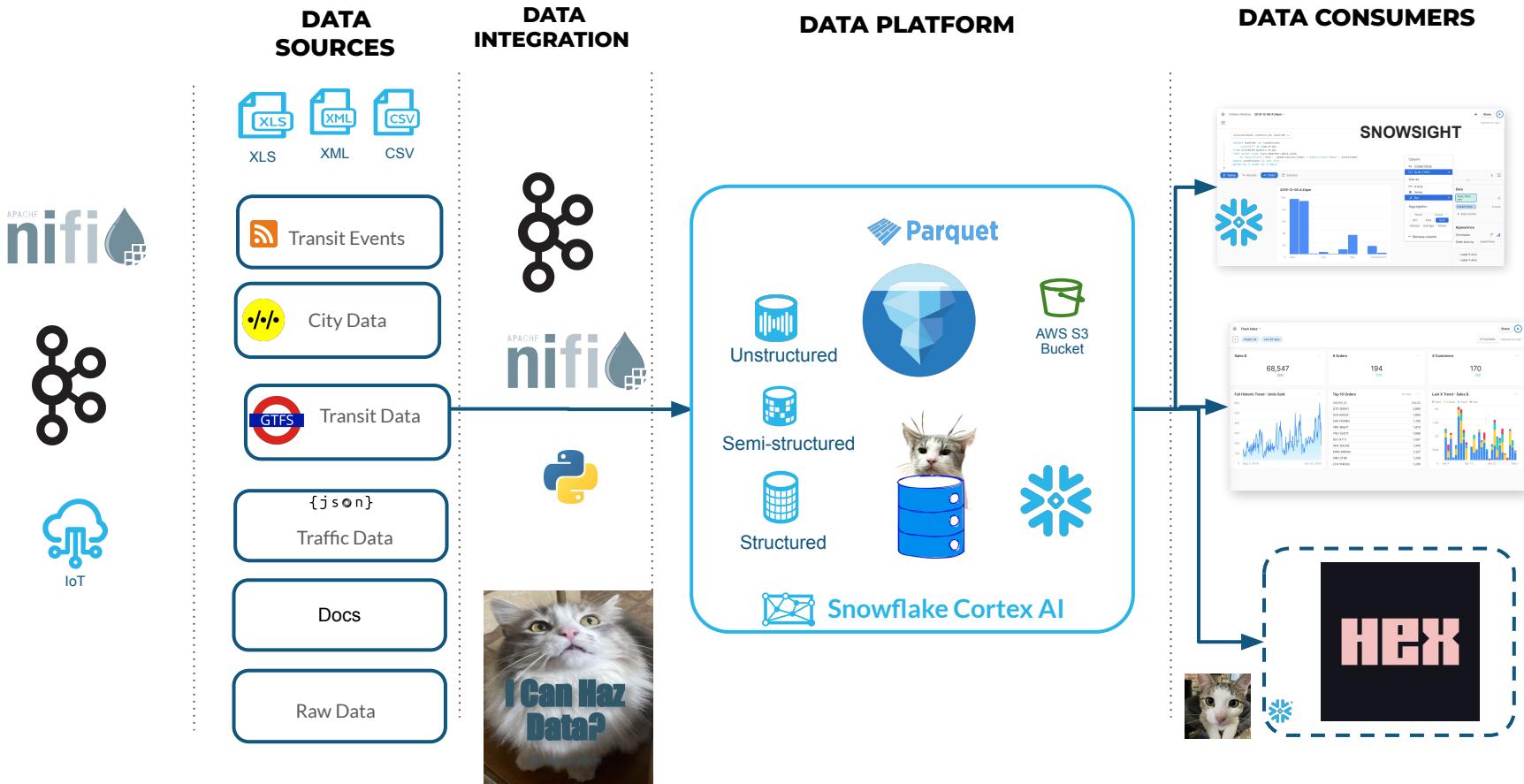
Introduction

Overview

Get Hacking



Real-Time AI Open Lakehouse with Open Data





<https://511ny.org/developers/help>

<https://github.com/tspannhw/hackathon2025>

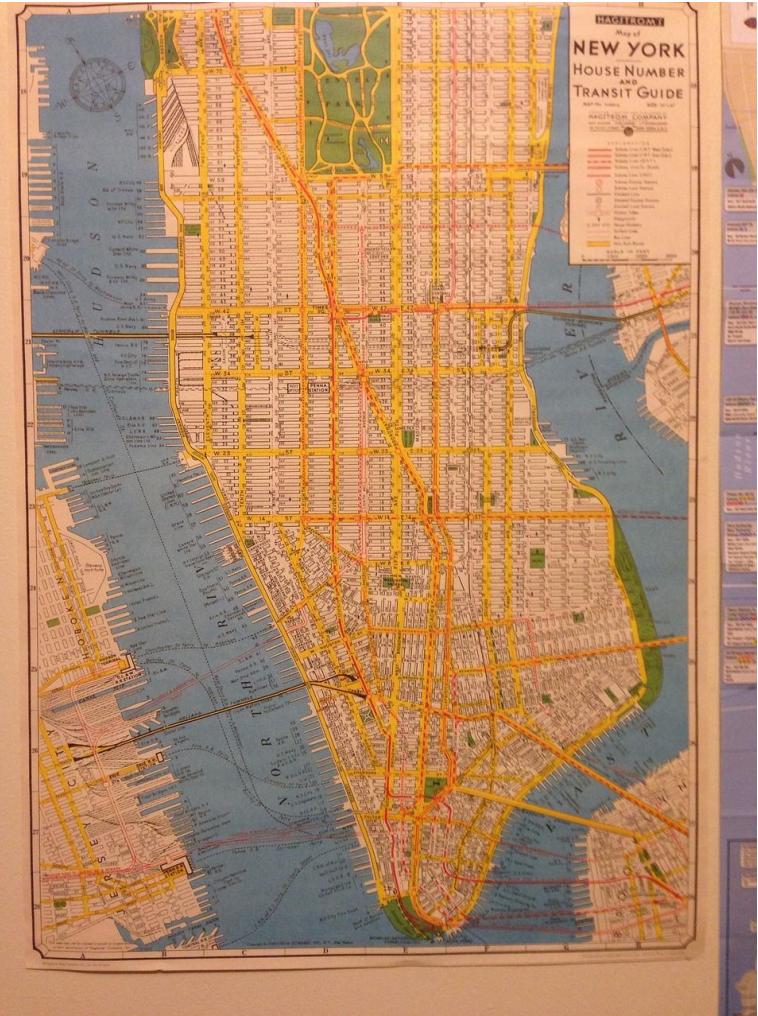
<http://web.mta.info/developers/data/nyct/subway/StationComplexes.csv>

https://data.ny.gov/Transportation/MTA-Daily-Ridership-and-Traffic-Beginning-2020/sayj-mze2/about_data

https://data.ny.gov/Transportation/MTA-Bus-Service-Delivered-2015-2019/tw28-zvtk/about_data

https://data.ny.gov/Transportation/MTA-Congestion-Relief-Zone-Vehicle-Entries-Beginni/t6yz-b64h/about_data



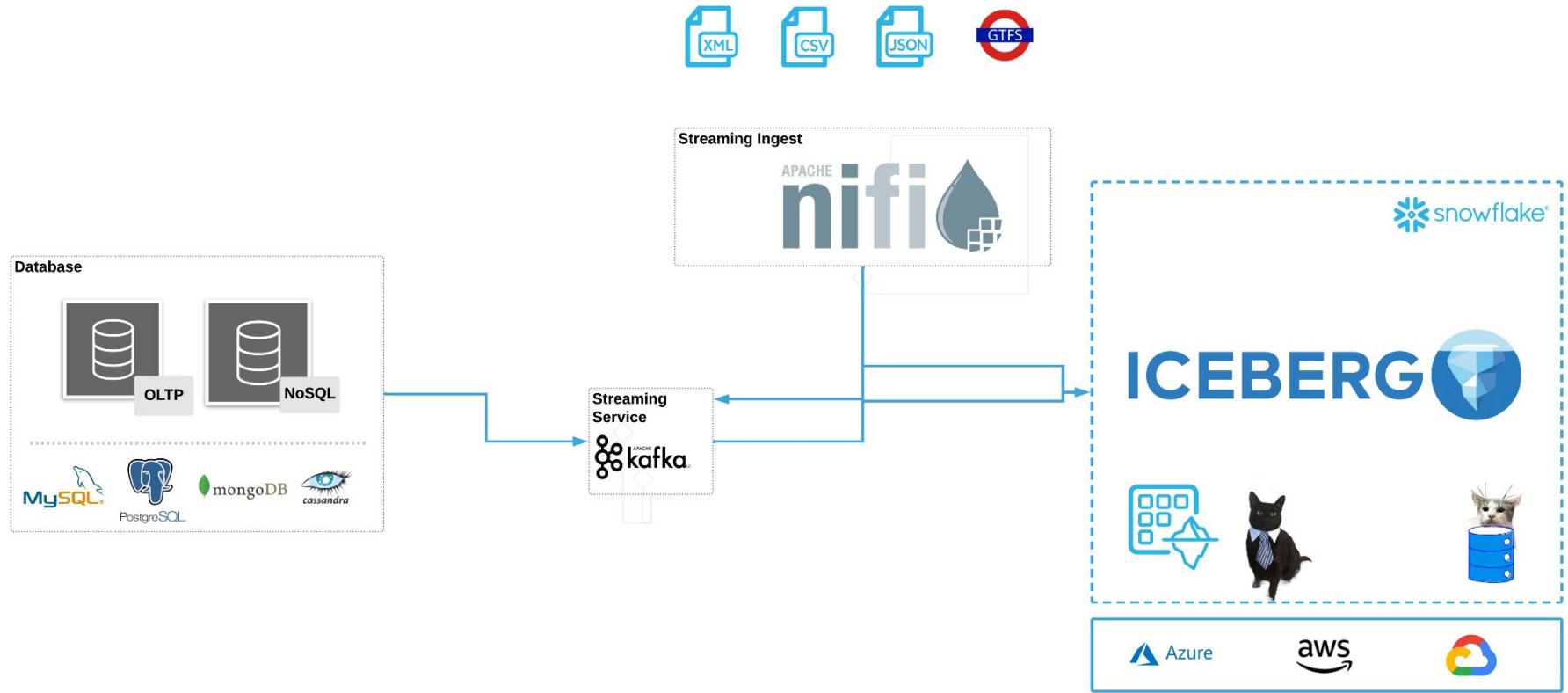






FLaNK-MTA / Urban Transportation

 EarthCam



Open New York Data Links

Developer Signup

<https://511ny.org/developers/resources>

Cameras

<https://511ny.org/api/getcameras?key=SignUpForFreeKey&format=json>

Alerts

<https://511ny.org/api/getalerts?key=SignUpForFreeKey&format=json>

Events

<https://511ny.org/api/getevents?key=SignUpForFreeKey&format=json>

Message Signs

<https://511ny.org/api/getmessagesigns?key=SignUpForFreeKey&format=json>

MTA Subway Hourly Ridership

https://data.ny.gov/Transportation/MTA-Subway-Hourly-Ridership-Beginning-2025/5wq4-mkjj/about_data

Open New York Data Links

MTA Stations

<https://data.ny.gov/resource/i9wp-a4ja.json>

MTA Bus

<https://busitime-beta.mta.info/developers/siri/#>

<https://busitime-beta.mta.info/developers/siri/monitored-vehicle-journey>

DOT Speed

https://data.cityofnewyork.us/Transportation/DOT-Traffic-Speeds-NBE/i4gi-tjb9/about_data

<https://dev.socrata.com/foundry/data.cityofnewyork.us/i4gi-tjb9>

<https://medium.com/cloudera-inc/nyc-traffic-are-you-kidding-me-6d3fa853903b>

Open New York Data

Join us for a hands-on hackathon where data meets the real world. We're teaming up with Snowflake to tackle some of New York City's most pressing challenges using real public datasets including MTA turnstile logs, crash reports, traffic cams and more! Bring your skills, your curiosity, and your best ideas. You can work solo or in teams of up to four.

You'll have the chance to explore AI-powered SQL, build out semantic views in minutes, and network with the NYC data community.

<https://medium.com/cloudera-inc/finding-the-best-way-around-7491c76ca4cb>

<https://medium.com/@tspann/unstructured-street-data-in-new-york-8d3cde0a1e5b>

Inspiration

Join us for a hands-on hackathon where data meets the real world. We're teaming up with Snowflake to tackle some of New York City's most pressing challenges using real public datasets including MTA turnstile logs, crash reports, traffic cams and more! Bring your skills, your curiosity, and your best ideas. You can work solo or in teams of up to four.

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<https://github.com/tspannhw/TrafficAI>

<https://medium.com/@tspann/automating-transit-gtfs-flows-7a5c4d3afe8>

<https://medium.com/cloudera-inc/iteration-1-building-a-system-to-consume-all-the-real-time-transit-data-in-the-world-at-once-4322b160df9d>

<https://medium.com/cloudera-inc/iteration-2-building-a-system-to-consume-all-the-unsecured-real-time-transit-data-in-the-world-5f365c0cf240>

<https://medium.com/cloudera-inc/subways-and-transit-updates-in-real-time-30c104c359ef>

DEMO

IS THIS ENOUGH DATA?



RESOURCES

