

Search Session

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My Interests

Tue Nov 15

10:00 AM


10:00 AM - 10:40 AM PST / 1:00 PM - 1:40 PM Your local time (40 Min)

Fireside Chat with Benoit Dageville: Building the Next Generation of Applications


BROADCAST

Starts 2 min before the session time

Join Benoit Dageville, Snowflake Co-Founder and President of Product, and Polita Paulus, Principal Engineer at Snowflake, as they nerd out about app dev. Get ready for a conversation that covers everything from different models to build, deploy, and distribute applications to Snowpark, Iceberg Tables, and how Snowflake is disrupting app development. You don't want to miss this live conversation!



(<https://events.snowflake.com/build/agenda/speakers/1734554>)



(<https://events.snowflake.com/build/agenda/speakers/1736554>)

10:30 AM


10:30 AM - 11:00 AM PST / 1:30 PM - 2:00 PM Your local time (30 Min)

How to Build a Machine Learning Application Using Streamlit

BROADCAST

Starts 2 min before the session time

In this end-to-end tutorial, we'll demo how to use the open-source Streamlit library. We'll start with the basics of a typical machine learning (ML) model building workflow, then show you how to structure your app, load data into it, make it interactive, and deploy it to the internet. By the end of the demo, you'll know how to quickly build and deploy your very own ML model as an interactive data-driven web app!



(<https://events.snowflake.com/build/agenda/speakers/1736565>)

Chanin Nantasenamat

Developer Advocate

Snowflake

Speaker


10:30 AM - 11:10 AM PST / 1:30 PM - 2:10 PM Your local time (40 Min)

Designing Applications for Performance

BROADCAST

Starts 2 min before the session time

This session will guide you through how to design your application for the best performance. Topics will include right-sizing warehouses, concurrency with multi-cluster warehouses, query pruning, compilation, and optimizing connection and transport for your clients. We will also discuss recent changes that have increased performance and upcoming functionality that can be leveraged to cover higher concurrencies and lower-latency workloads.



(<https://events.snowflake.com/build/agenda/speakers/1714857>)

Brad Culberson

Data Platform Architect

Snowflake

Speaker

11:00 AM


11:00 AM - 11:30 AM PST / 2:00 PM - 2:30 PM Your local time (30 Min)

Managed, Connected, and Native—Oh My! Application Deployment Models on Snowflake


BROADCAST

Starts 2 min before the session time

Designing applications that scale as your customer base grows can be challenging. It's important to have an efficient deployment approach that meets the data access, privacy, cost, and performance needs for both you and your customers. Join this session with a Snowflake product expert and the CTO of MessageGears to learn about the different deployment and tenancy models for applications powered by Snowflake.



(<https://events.snowflake.com/build/agenda/speakers/1736575>)



(<https://events.snowflake.com/build/agenda/speakers/1736575>)


11:00 AM - 11:30 AM PST / 2:00 PM - 2:30 PM Your local time (30 Min)

Natural Language Processing (NLP) for ESG Topic Tracking and Document Search


BROADCAST

Starts 2 min before the session time

In this session we will demonstrate how to build a Streamlit app that leverages Snowpark UDFs for processing documents and for performing sentiment analysis, entity extraction, and semantic embedding within Snowflake. This demo app is based on a real use case at Novartis that helps the company identify and refine environmental, social, and governance (ESG) topics more efficiently without moving data out of Snowflake.



(<https://events.snowflake.com/build/agenda/speakers/1736574>)



(<https://events.snowflake.com/build/agenda/speakers/1736574>)

11:30 AM

https://www.snowflake.com/build/agenda/

1/7

1:00 PM

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1:00 PM - 1:30 PM PST / 4:00 PM - 4:30 PM Your local time (30 Min)

Bringing Transactional Use Cases to Snowflake with Unistore and Hybrid Tables

BROADCAST

Starts 2 min before the session time

Join this session to learn how, with Unistore and Hybrid Tables, you can build transactional applications directly on Snowflake, simplifying your application stack so real-time analytical queries can run on transactional data.



Phillip Coletti
Sr. Product Manager
Snowflake
Speaker

<https://events.snowflake.com/build/agenda/speakers/1736602>

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1:00 PM - 1:30 PM PST / 4:00 PM - 4:30 PM Your local time (30 Min)


Snowflake for Startups Founders Panel


BROADCAST

Starts 2 min before the session time

Get the inside scoop from fast-growing startups Adaptive Pulse, Anvilogic, and Paytronix as they discuss building their products on Snowflake. Register for the Snowflake Startup Challenge (https://www.snowflake.com/startupchallenge/?utm_cta=build-website-agenda) today!

<https://events.snowflake.com/build/agenda/speakers/1732004>

<https://events.snowflake.com/build/agenda/speakers/1732004>

<https://events.snowflake.com/build/agenda/speakers/1732004>

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1:30 PM

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1:30 PM - 2:00 PM PST / 4:30 PM - 5:00 PM Your local time (30 Min)

Cloud-Optimized AI Solutions with Dataiku

BROADCAST

Starts 2 min before the session time

Join us to understand how Dataiku and Snowflake deliver cloud-optimized, enterprise-ready AI solutions that enable companies to easily and quickly build, deploy and monitor data science projects. In this session, we will demonstrate how Dataiku's seamless integrations, including with Snowpark for Python, deliver AI solutions for data science and advanced analytics so you can operationalize machine learning models. Additionally, we will share how your team can push data processing tasks from Dataiku to Snowflake, allowing users to fully leverage the computational power and elasticity of Snowflake.



Patrick Masi-Phelps
Senior Sales Engineer - Consulting Partnerships
Dataiku
Speaker

<https://events.snowflake.com/build/agenda/speakers/2840096>

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1:30 PM - 2:00 PM PST / 4:30 PM - 5:00 PM Your local time (30 Min)


Powered by Snowflake Partner Panel


BROADCAST

Starts 2 min before the session time

The Powered by Snowflake partner program helps software companies and application developers become successful with Snowflake across all stages of their journey from architecting their applications, to growing their business, to supporting ongoing operations. Join this session to hear from Powered by Snowflake partners PowerSchool, Monte Carlo, and Simon Data as they share how the program is helping them build better products, co-market their products with Snowflake, and get the support their application needs.

<https://events.snowflake.com/build/agenda/speakers/1732006>

<https://events.snowflake.com/build/agenda/speakers/1732006>

<https://events.snowflake.com/build/agenda/speakers/2855097>

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2:00 PM

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2:00 PM - 2:30 PM PST / 5:00 PM - 5:30 PM Your local time (30 Min)

DevOps and git-flow with Snowpark

BROADCAST

Starts 2 min before the session time

Snowpark lets builders create and extend Snowflake using Python, Java, and JavaScript. But how can you bring in DevOps best practices for development, collaboration, and automated releases? In this session we'll walk through using 'git-flow' with Snowpark for production-grade Snowpark apps.



Jeff Hollan
Director
Snowflake
Speaker

<https://events.snowflake.com/build/agenda/speakers/1714863>

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2:00 PM - 2:30 PM PST / 5:00 PM - 5:30 PM Your local time (30 Min)


How iPipeline leverages Snowflake and Sigma to Enable Data Sharing and Self-service Analytics

BROADCAST

Starts 2 min before the session time

Learn how iPipeline, a leading life insurance software provider, is leveraging Snowflake and Sigma to power unique data sharing use cases such as creating a Sigma "Lite" experience for their users with the application embedded directly into their application gateway, supporting large, wide (300+ column) reports through the materialization in Sigma for on-demand customer compliance audits, and pushing data from Sigma directly to an S3 bucket for customers to securely pick up scheduled reports

<https://events.snowflake.com/build/agenda/speakers/2855998>

<https://events.snowflake.com/build/agenda/speakers/2855998>

2:30 PM

<https://www.snowflake.com/build/agenda/>

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2:30 PM - 3:10 PM PST / 5:30 PM - 6:10 PM Your local time (40 Min)


So You Want to Build a Data Startup? Fireside Chat with Sequoia Capital, Redpoint Ventures, and Snowflake Ventures

BROADCAST


Starts 2 min before the session time

Join this conversation with venture capitalists from Redpoint Ventures and Sequoia Capital to hear about the trends they're seeing in the application landscape, what investors are looking for today, and their hot takes on what's to come.


Register for the Snowflake Startup Challenge (https://www.snowflake.com/startupchallenge/?utm_cta=build-website-agenda) today!



(<https://events.snowflake.com/build/agenda/speakers/17365570>)



(<https://events.snowflake.com/build/agenda/speakers/17365571>)



(<https://events.snowflake.com/build/agenda/speakers/17365568>)

Wed Nov 16


10:00 AM

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10:00 AM - 10:30 AM PST / 1:00 PM - 1:30 PM Your local time (30 Min)

The Builders' Data Cloud (<https://events.snowflake.com/build/agenda/session/1039648>)

Builders need technologies that can keep up with demands to move fast and iterate faster. There's no time for rigid, complex architecture that throws off your productivity. Join Adrien Treuille, head of Streamlit at Snowflake as he shares how Streamlit in Snowflake will allow users to easily bring their data and ML to life as an interactive app using a few lines of Python, and the vision of enabling every data scientist and developer to build, deploy and share applications —without needing a full-stack engineering team.



Adrien Treuille

Product Management Director
Snowflake
Speaker

(<https://events.snowflake.com/build/agenda/speakers/1714855>)

10:30 AM

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10:30 AM - 11:00 AM PST / 1:30 PM - 2:00 PM Your local time (30 Min)

Self-Serve Data Orchestration with Airflow & Astro


BROADCAST

Starts 2 min before the session time

Apache Airflow is the de facto open-source standard for workflow management and scheduling. Often, it's the first step in what modern data teams need in an orchestration platform. Join Astronomer's Head of Data for a tour of how Astro takes Airflow to the next level and powers analytics and dashboards for the whole business. We'll demo how we've built a complex network of SQL and Python data pipelines, created by data teams with no Airflow expertise, source controlled as Airflow DAGs. And we'll show how, without any extra effort, we have visibility into the underlying data lineage and quality.



(<https://events.snowflake.com/build/agenda/speakers/2840109>)



(<https://events.snowflake.com/build/agenda/speakers/2840108>)

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10:30 AM - 12:00 PM PST / 1:30 PM - 3:00 PM Your local time (1 Hour, 30 Min)

[Lab] Machine Learning with Snowpark for Python

BROADCAST

Starts 2 min before the session time

In this hands-on lab, you will see how data teams can go from data and feature engineering to model development and productionalizing in a collaborative and scalable way using Snowpark, Apache Airflow, Anaconda, and Streamlit.

Prior experience using Python and data science tools such as notebooks and open-source packages is a plus.


Lab Prerequisites:

- Your laptop.
- Snowflake trial account (<https://signup.snowflake.com/>) (<https://signup.snowflake.com/>) in **AWS - US West (Oregon)** with an initial admin account created
- Free Amazon SageMaker Studio Lab account (<https://studiolab.sagemaker.aws/>) (<https://studiolab.sagemaker.aws/>)
- Optional: Docker Desktop or other Docker runtime installed on your laptop for the Apache Airflow portion of the lab

Please reference this Quickstart with step by step instructions:

https://quickstarts.snowflake.com/guide/machine_learning_with_snowpark_python/index.html

(https://quickstarts.snowflake.com/guide/machine_learning_with_snowpark_python/index.html)



Caleb Baechtold

ML/AI Field CTO
Snowflake
Speaker

(<https://events.snowflake.com/build/agenda/speakers/1736560>)

<https://www.snowflake.com/build/agenda/>

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10:30 AM - 12:01 PM PST / 1:30 PM - 3:01 PM Your local time (1 Hour, 31 Min)

[LAB]

Building a Data Application with Snowflake Marketplace, Snowpark, and Streamlit

BROADCAST

Starts 2 min before the session time


In this hands-on lab, you will build a data application that leverages the Economy Data Atlas, published by Knoema on Snowflake Marketplace. You will process data with Snowpark, develop a simple ML model, and create a Python UDF in Snowflake, then visualize the data with Streamlit.

Key Features and Technology: Snowflake Marketplace, Snowpark for Python, Python libraries, Python UDFs, Streamlit

Prerequisites:

- Account Admin role access in Snowflake or a Snowflake trial account: <https://signup.snowflake.com/> (<https://signup.snowflake.com/>)
- Basic knowledge of SQL, database concepts, and objects
- Familiarity with Python. All code for the lab is provided.
- Ability to install and run software on your computer

Please reference this Quickstart with step by step instructions:
https://quickstarts.snowflake.com/guide/data_apps_summit_lab/index.html
(https://quickstarts.snowflake.com/guide/data_apps_summit_lab/index.html)



Daniel Myers

Developer Relations
Snowflake
Speaker

(<https://events.snowflake.com/build/agenda/speakers/1714860>)

11:00 AM

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11:00 AM - 11:30 AM PST / 2:00 PM - 2:30 PM Your local time (30 Min)

How Iceberg Tables Work in Snowflake

BROADCAST

Starts 2 min before the session time

Iceberg Tables, a new type of Snowflake table available in preview, pairs Snowflake’s powerful performance engine and platform capabilities with open formats in external storage. In this session, learn about the Apache Iceberg project along with a technical deep dive on how Iceberg Tables work in Snowflake.



Polita Paulus

Software Engineer
Snowflake
Speaker

(<https://events.snowflake.com/build/agenda/speakers/1736554>)

11:30 AM

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11:30 AM - 12:00 PM PST / 2:30 PM - 3:00 PM Your local time (30 Min)

How to Create a Zero-shot Learning Text Classifier Using Hugging Face & Streamlit

BROADCAST

Starts 2 min before the session time

In this tutorial, we'll discuss how to use various Natural Language Processing (NLP) libraries to build a zero-shot learning text classifier in Streamlit. We'll start with defining Zero-shot learning, calling the Hugging Face Inference API and creating the API payload. We'll then continue designing the front-end UI in Streamlit and deploying the app to Streamlit Community Cloud.



Charly Wagner

Developer Advocate
Snowflake
Speaker

(<https://events.snowflake.com/build/agenda/speakers/1736568>)

12:00 PM

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12:00 PM - 12:30 PM PST / 3:00 PM - 3:30 PM Your local time (30 Min)

Open Source in the Data Cloud


BROADCAST

Starts 2 min before the session time


Join the creators of Apache Iceberg and Feast, the Co-Founder and CEO of Anaconda, and the President of NumFocus for a panel discussion to learn how open-source projects can help you build with Snowflake and how you can get involved with the open-source community.




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12:30 PM

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12:30 PM - 1:00 PM PST / 3:30 PM - 4:00 PM Your local time (30 Min)

Building with a great developer experience on Snowflake using DataOps


BROADCAST

Starts 2 min before the session time


In this session, you'll see how we bring all the DevOps speed, automation, and agility to the data world so you can build on Snowflake even more easily and quickly. We will cover how to create a secure, sandboxed, rapid development experience and then explore how to use a bullet-proof release process and do a one-click rollback when things go wrong. Take a deep dive into an optimized developer experience for managing objects within Snowflake, data ingestion, Snowflake ecosystem orchestration, data transformation, automated testing, Snowpark, and Streamlit.




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12:30 PM - 1:00 PM PST / 3:30 PM - 4:00 PM

Your local time (30 Min)


PySpark-to-Snowpark Migration Approach and Best Practices

BROADCAST


Starts 2 min before the session time

With the availability of Snowpark for Python, Python code can be brought directly to your data in Snowflake. This attracts many developers who are using PySpark to shift workloads to Snowpark, but there is always the challenge of cost, risk, and effort to migrate from legacy platforms.

In this deep-dive session, we will share best practices and lessons learned when migrating PySpark code to Snowpark. In addition, we will show a migration tool built by LTI, Snowflake's Global Delivery Platform Partner, that analyzes and converts PySpark code into Snowpark code to successfully complete a migration.



(<https://events.snowflake.com/build/agenda/speakers/1736550>)



(<https://events.snowflake.com/build/agenda/speakers/1736551>)

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12:30 PM - 1:00 PM PST / 3:30 PM - 4:00 PM


Your local time (30 Min)

Unistore and Native Applications for Beginners

BROADCAST

Starts 2 min before the session time

Unistore and Native Applications are two of Snowflake's latest innovations that allow developers to build and run applications in a faster and simpler way. Join this session to learn why Snowflake built these technologies, what challenges they solve, how they work, and how to build using them. The two technologies will be combined into a single demo to showcase a Native Application leveraging Unistore as a back end.



Brad Culberson

(<https://events.snowflake.com/build/agenda/speakers/1714857>)

Data Platform Architect
Snowflake
Speaker

1:00 PM

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1:00 PM - 1:30 PM PST / 4:00 PM - 4:30 PM


Your local time (30 Min)

How Streamlit Uses Streamlit

BROADCAST

Starts 2 min before the session time

In this talk, we'll give you a sneak peek at how the Streamlit data product team uses Streamlit daily. You'll learn how we design and deliver projects, and how we hack Streamlit to make development even easier. We'll also share with you the lessons we've learned from other data science teams about product thinking, rigorous dogfooding, and extracting helpful insights.



Tyler Richards

(<https://events.snowflake.com/build/agenda/speakers/1736552>)

Data science
Snowflake
Speaker

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1:00 PM - 2:30 PM PST / 4:00 PM - 5:30 PM

Your local time (1 Hour, 30 Min)


[LAB] Accelerating Data Teams with dbt and Snowflake

BROADCAST


Starts 2 min before the session time

Have you heard about dbt, but haven't given it a spin yet? Join us for this hands-on lab, where you'll experience dbt's workflow firsthand and see what the buzz is about. The session will cover how to develop, test, document, and deploy data models with dbt, following software engineering best practices to boost collaboration and productivity. Experts from dbt Labs and Snowflake will be on hand to guide you through every step of the process. Looking forward to seeing you!

Please reference this Quickstart with step by step instructions:
https://quickstarts.snowflake.com/guide/accelerating_data_teams_with_snowflake_and_dbt_cloud_hands_on_lab/index
(https://quickstarts.snowflake.com/guide/accelerating_data_teams_with_snowflake_and_dbt_cloud_hands_on_lab/index)



(<https://events.snowflake.com/build/agenda/speakers/2840107>)



(<https://events.snowflake.com/build/agenda/speakers/2840107>)

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1:00 PM - 2:30 PM PST / 4:00 PM - 5:30 PM Your local time (1 Hour, 30 Min)

[LAB]

Data-centric Approach to Machine Learning Using Snowflake and Amazon SageMaker Data Wrangler

BROADCAST

Starts 2 min before the session time


In this lab we will cover how to manage and acquire data, then perform feature engineering using Snowflake and SageMaker Data Wrangler. We will also rapidly assess what data sets will provide the biggest impact on machine learning models. Finally we will discuss how you can deploy the data pipelines for training and batch inference with Snowflake and SageMaker Data Wrangler.

Note: Prerequisites are critical for a successful completion of this lab


Prerequisites:

- Knowledge and experience working with Snowflake and Snowsight UI
- Knowledge and experience working with AWS and the AWS Console
- Snowflake Enterprise Account on AWS with ACCOUNTADMIN ACCESS (Snowflake Trial Account is OK)
- AWS Account in the same region as the Snowflake account with admin access
- AWS Account VPC and subnets (by default most AWS account will have this)

Please also reference this Quickstart with step by step instructions:
https://quickstarts.snowflake.com/guide/vhol_snowflake_data_wrangler/index.html
https://quickstarts.snowflake.com/guide/vhol_snowflake_data_wrangler/index.html



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1:30 PM - 2:00 PM PST / 4:30 PM - 5:00 PM Your local time (30 Min)

Snowflake on Snowflake: How Snowflake instrumented telemetry for Snowflake's native connectors to analyze behavior and automate actions with Snowflake Alert

BROADCAST

Starts 2 min before the session time

Join this session to hear how Snowflake instrumented telemetry for Snowflake native connectors. Telemetry signals from the connector are ingested using Snowflake's Telemetry Pipeline into an EVENT TABLE. These signals are used for debugging, performance analysis, product usage, and configuring alerts. This session will dive into generating data using the telemetry APIs and creating a Snowflake Alert. These concepts can also be applied to developing native applications, UDFs, UDTFs, and Stored Procedures.



Tyson Hamilton
Engineering Manager
Snowflake
Speaker

(<https://events.snowflake.com/build/2022/speakers/1736559>)

2:00 PM

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2:00 PM - 2:30 PM PST / 5:00 PM - 5:30 PM Your local time (30 Min)

How to build ML Models in Snowflake using Python and Snowpark


BROADCAST

Starts 2 min before the session time

Wanna know how to build machine learning models in Snowflake and present them to your stakeholders? In this session Sonny & Chris will show you how to use Snowpark to clean your data and perform feature engineering, build and train sales forecast models using Python stored procedures in Snowflake, and present and analyze your models in ThoughtSpot.



(<https://events.snowflake.com/build/2022/speakers/1736555>)



(<https://events.snowflake.com/build/2022/speakers/1736555>)


2:30 PM

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2:30 PM - 3:00 PM PST / 5:30 PM - 6:00 PM Your local time (30 Min)

Q&A with Product Leaders for Iceberg Tables, Snowpark, and Streaming
(<https://events.snowflake.com/build/2022/session/974153>)


Our product and engineering teams have been busy launching new features. You've probably heard about many of them already. Join the product leaders for Snowpark, Iceberg Tables, and Streaming for a Q&A session moderated by Data Cloud advocate Felipe Hoffa.



(<https://events.snowflake.com/build/2022/speakers/1734361>)



(<https://events.snowflake.com/build/2022/speakers/1734361>)



(<https://events.snowflake.com/build/2022/speakers/1734362>)

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