

AI DATA CLOUD

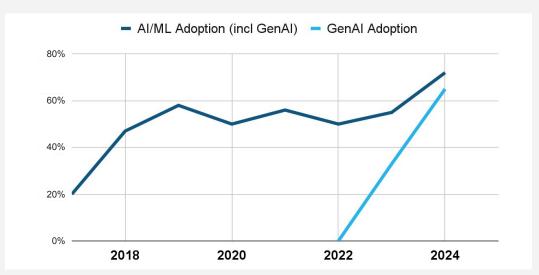
Cortex AI & Snowflake ML Easy. Efficient. Trusted.

2024

Enterprises Are Adopting Gen Al Fast

Predictive ML Still Important

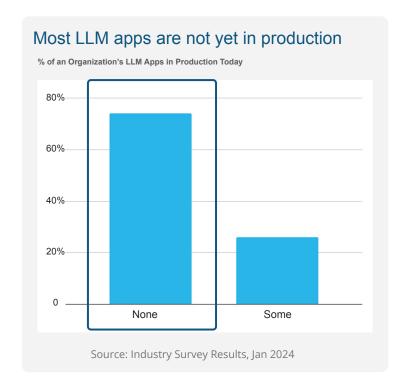
Organizations Who Have Adopted Al/ML in 1 Business Function



Less than 2 years to achieve 65% adoption vs 10 years for ML

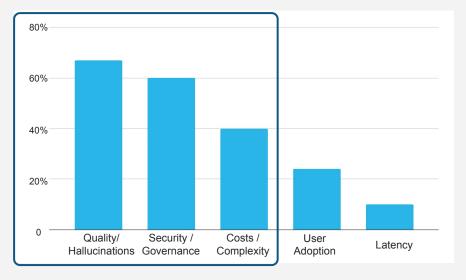
Enterprises adding significant and growing number of gen Al projects in addition to predictive ML

Industry Challenge: Getting Gen Al Apps into Production





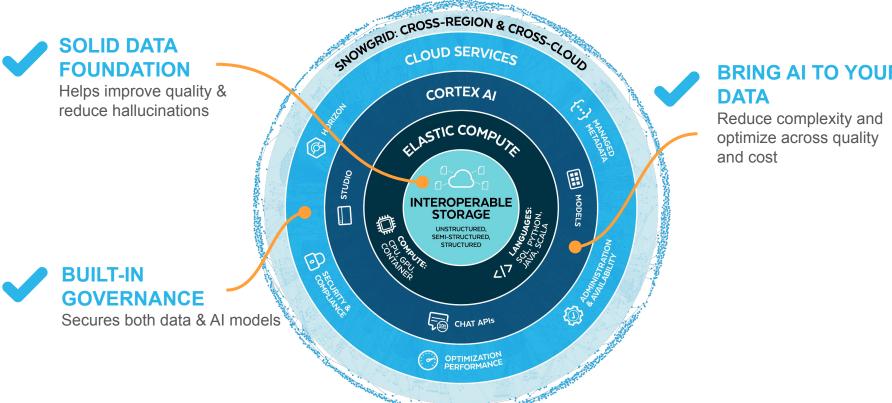
Responses to Question - What are your top challenges in getting LLM apps to production?



Source: Industry Survey Results, Jan 2024



Snowflake Al Data Cloud



BRING AI TO YOUR

Why Snowflake for AI/ML

End-to-End Platform for AI/ML Built to Address Industry Gen AI Challenges

APP DEVELOPMENT
Studio | Notebooks | Streamlit | Copilot

GENERATIVE AI
Cortex AI

MACHINE LEARNING Snowflake ML

DATA & MODEL GOVERNANCE

Snowflake Horizon | Model Registry

EASY

Fully managed and tightly integrated data and Al infrastructure. Accessible via no-code Studio, SQL, Python, and REST APIs interfaces to reduce development costs and complexity

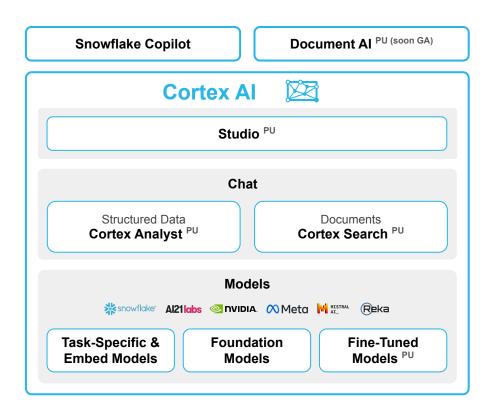
EFFICIENT

Streamline development-to-deployment lifecycle with cutting-edge Al models, frameworks, and apps running next to the data to achieve better quality and operational cost

TRUSTED

Protect the value of your IP at scale with **industry-leading security and unified governance for data and models** trusted by thousands of organizations

Cortex AI: Making Gen AI Easy, Efficient, and Trusted



POWERFUL AI APPS

No-code, powerful AI apps for code assistance, document understanding, and chatbots .

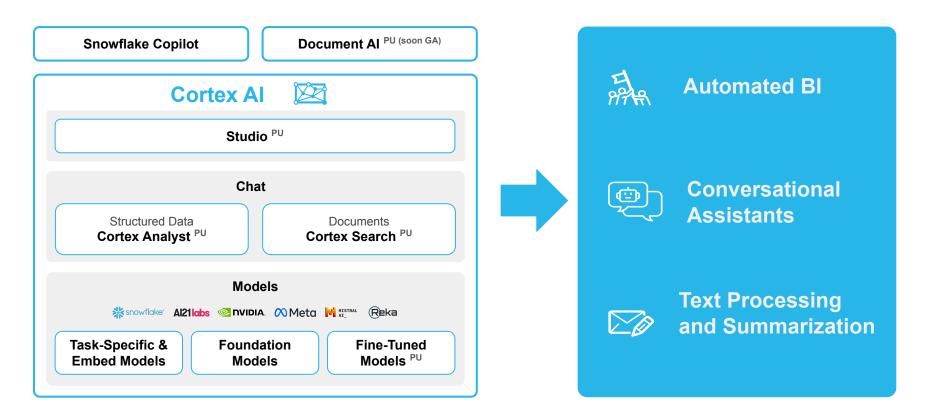
TALK TO YOUR DATA

State of the art Search and Text2SQL capabilities to build BI and AI chatbots easily.

MODELS

Top tier models, easily accessible, fully managed, tightly integrated, all inside of Snowflake.

Cortex Al Enables Your Gen Al Apps



What Are Your Top Gen Al Use Cases?



Automated BI

Business analysis with natural language

Code evaluation and generation



Conversational Assistants

Customer support assistants

Internal chat assistant

Knowledge management



Text Processing and Summarization

Document classification

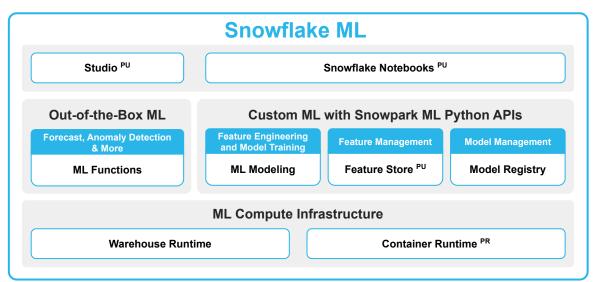
Entity extraction

Notes summarization

Snowflake ML

Why Snowflake ML: Bring Your ML to Your Data

Integrated set of capabilities for end-to-end ML workflows in Snowflake

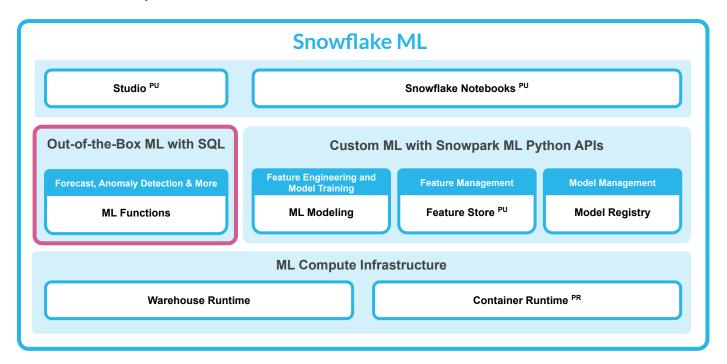




- No data movement
- ML operations made easy
- End-to-end governance

Snowflake ML

Integrated set of capabilities for end-to-end ML workflows in Snowflake



Snowflake ML Functions

WHAT IS IT

SQL functions that perform predictive analytics using machine learning under the hood

WHY USE IT

Generate predictions and insights on your structured data with the power of ML—but without its complexity

HOW TO USE IT

Use SQL function in Snowsight or expose as a custom app via Streamlit

ML Functions

FORECAST () ANOMALY DETECTION () TOP INSIGHTS () PuPr CLASSIFICATION () PuPr

Structured Data

Snowflake ML Functions

SQL functions that perform predictive analytics using ML under the hood



Forecasting

Build more reliable time series forecasts with automated handling of seasonality, missing values and more

GA



Anomaly Detection

Identify outliers and trigger alerts or help find unlikely-to-happen-again situations that should be excluded from analysis

GA



Top Insights

Quickly identify drivers contributing to the change of a given metric across user defined time intervals

PUBLIC PREVIEW



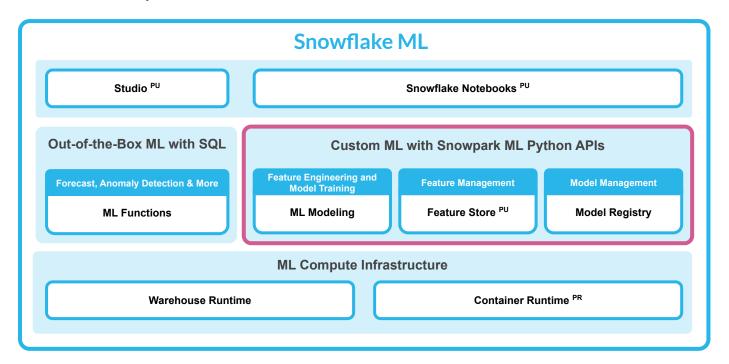
Classification

Sort data into different classes (e.g., loyal customer vs. likely to churn) using supervised learning techniques

PUBLIC PREVIEW

Snowflake ML

Integrated set of capabilities for end-to-end ML workflows in Snowflake



Snowflake Notebooks

WHAT IS IT

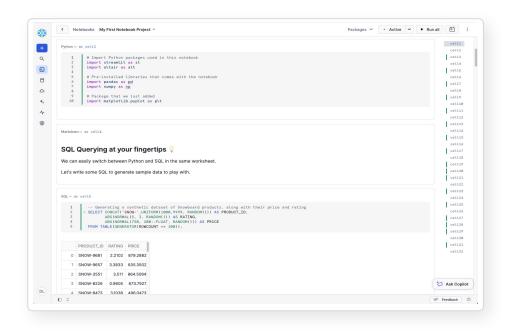
A familiar, easy-to-use notebook interface for your data work that seamlessly blends Python, SQL, and Markdown as well as integrations with key Snowflake offerings like Snowpark ML, Streamlit, Cortex and Iceberg

WHY USE IT

Simplify the process of connecting to your data and to amplify your data engineering, analytics, and machine learning workflows

HOW TO USE IT

- Create a notebook directly in Snowsight or from an existing project
- Sync with remote Git repo for version control and collaboration
- Schedule notebooks to run automated pipelines



What Are Your Top Predictive ML Use Cases?



Sales & Marketing

Propensity modeling

Lead scoring

Churn prediction



Security, Risk & Compliance

Fraud detection

Threat assessment

Verification



Forecasting, Pricing & Ads

Product demand

Price Optimization

Ad optimization



Supply Chain & Manufacturing

Supply chain planning

Anomaly detection

Predictive maintenance

THANK YOU

