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Snowflake Cortex Masterclass 2024 Hands-On!

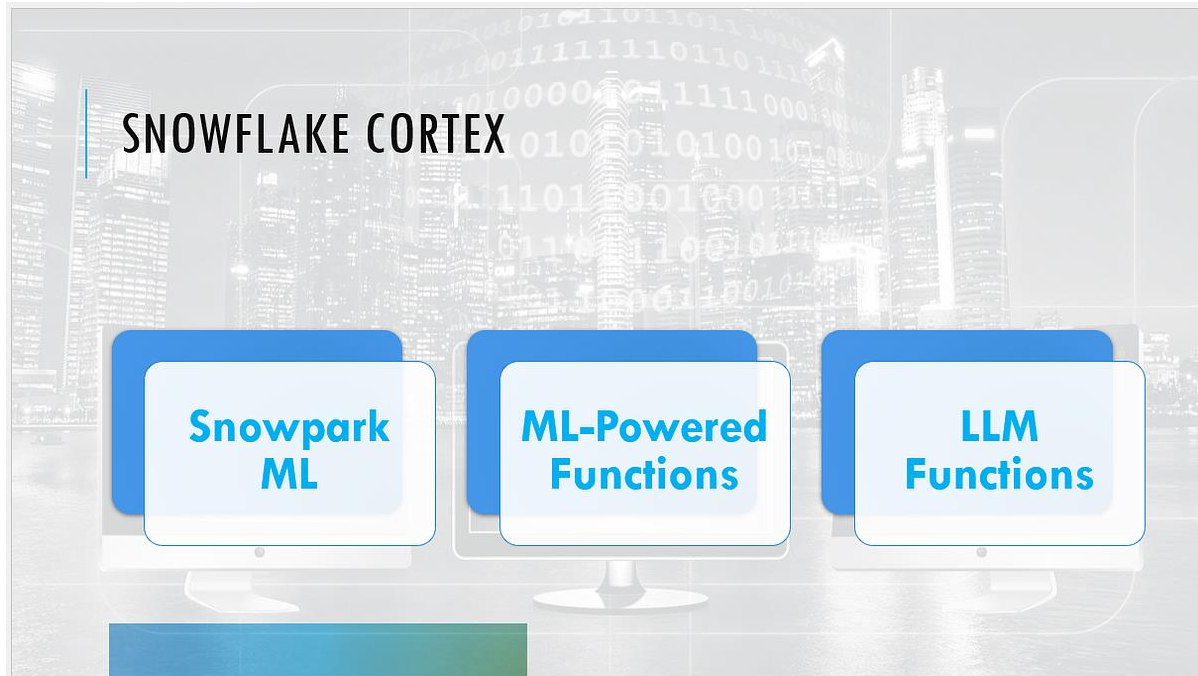


Snowflake Cortex Masterclass 2024 Hands-On! is my new mega-course on Udemy I am still working on, to be published in just a few days. Let me know if you want to be notified of my best prices and promotions, by sending me an email at the featured address. Provisional content summary below.

And check here my current best price on all video courses and practice tests. Ongoing big promotion between April 9–15!

(1) Roadmap to Snowflake Cortex

- Course Structure and Content
- Roadmap of AI/ML Solutions in Snowflake
- Overview of Snowflake Cortex

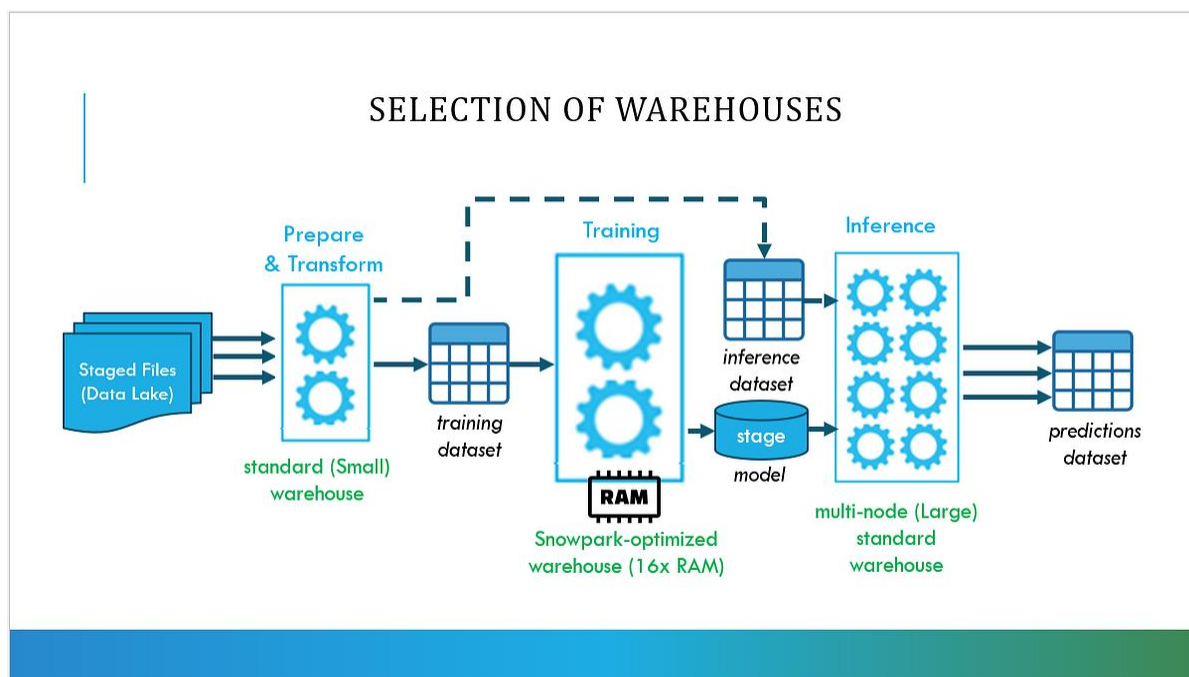


(2) ML Pipelines on Datasets (outside Snowflake)

- Overview of ML Pipelines
- Data Sources (Sample Datasets)
- Data Exploration
- Feature Engineering
- Data Preprocessing
- Model Training
- Model Validation (Hyperparameter Optimization)
- Model Evaluation (Performance Metrics)
- Model Deployment
- Snowflake Integrations with DS/ML Partners

(3) ML Pipelines using Snowpark (no Cortex)

- Overview of Snowpark
- Sample Data Extraction and Generation (in Snowflake)
- Feature Engineering (in Snowpark DataFrames)
- Model Training (in Stored Procedure)
- Model Deployment (with Vectorized Python UDF)
- ML Pipelines in Snowpark Container Services (SPCS)

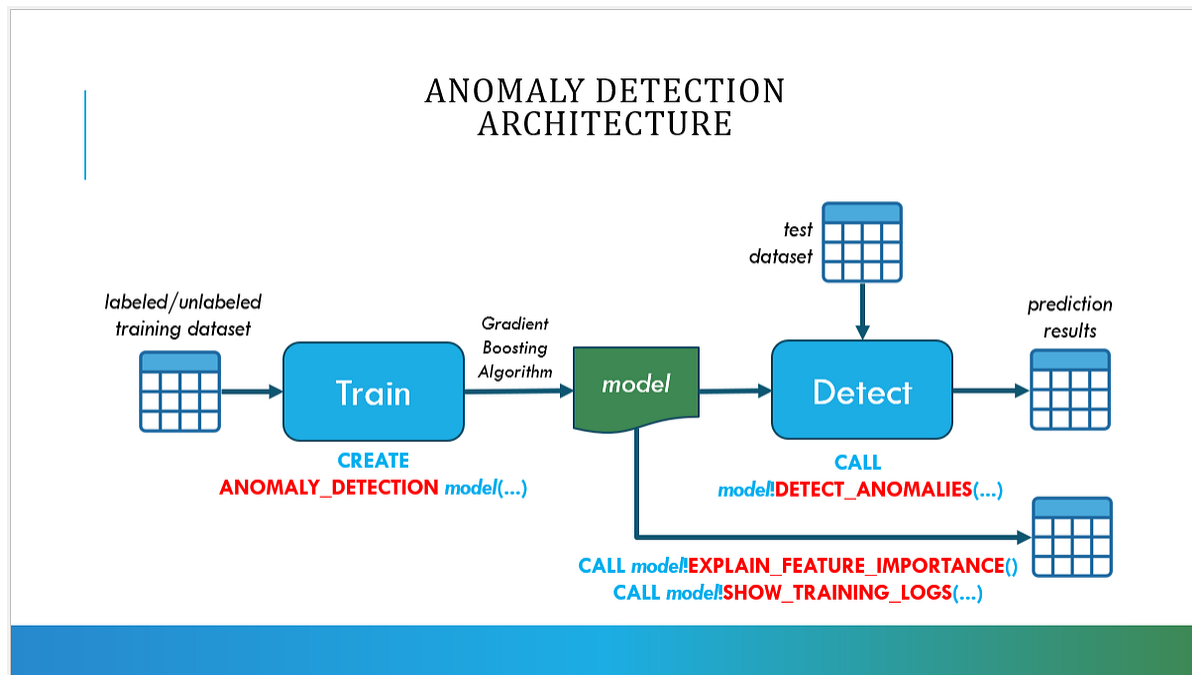


(4) ML Pipelines with Snowpark ML (in Cortex)

- Overview of Snowpark ML APIs
- Snowpark ML Modeling (Classes)
- Feature Engineering (in Snowpark DataFrame)
- Distributed Preprocessing (for Transformers)
- Model Training (with Estimators)
- Model Validation (Distributed HPO)
- Model Evaluation (Distributed Metrics)
- Snowpark ML Operations: Model Registry
- Snowpark ML Data Access
- Cost of Snowpark ML

(5) ML-Powered Functions (in Cortex)

- Overview of ML-Based Classes
- Quick Intro to GBM (Gradient Boosting Machine)
- Quick Intro to Snowflake Classes
- Time-Series Forecasting
- Anomaly Detection
- Contribution Explorer
- Classification
- Access Rights to ML-Based Functions
- Cost of ML-Based Functions



(6) LLM Functions (in Cortex)

- Overview of LLM Functions
- Quick Intro to Deep Learning
- Quick Intro to Generative AI
- Snowflake Integrations with ChatGPT
- COMPLETE LLM Functions

- **EXTRACT_ANSWER LLM Function**
- **SENTIMENT LLM Function**
- **SUMMARIZE LLM Functions**
- **TRANSLATE LLM Function**
- **Access Rights to LLM Functions**
- **Cost of LLM Functions**

(7) LLM UI Extensions (in Cortex)

- **Overview of LLM UI Extensions**
- **Snowflake Copilot**
- **Universal Search**
- **Document AI**

