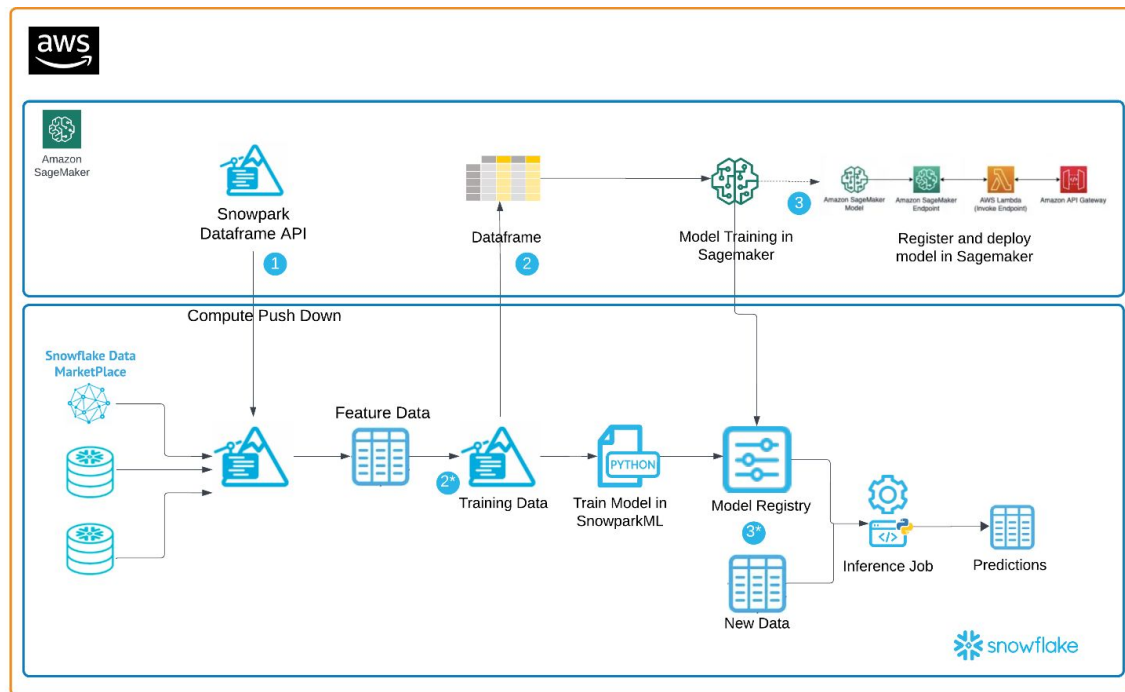


Student Loan Default Prediction using Snowpark ML and AWS SageMaker

Reference Architecture



Use-Case Flow

- 1 Prepare historical data for training leveraging the Snowpark dataframe API to push down computation to Snowflake from Sagemaker Studio.
- 2 Deploy model in Snowflake using the SnowparkML registry or deploy in Sagemaker.
- 3 Train models in Sagemaker OR with SnowparkML. Metrics, experiments and models can be stored in either Snowflake or in Sagemaker.