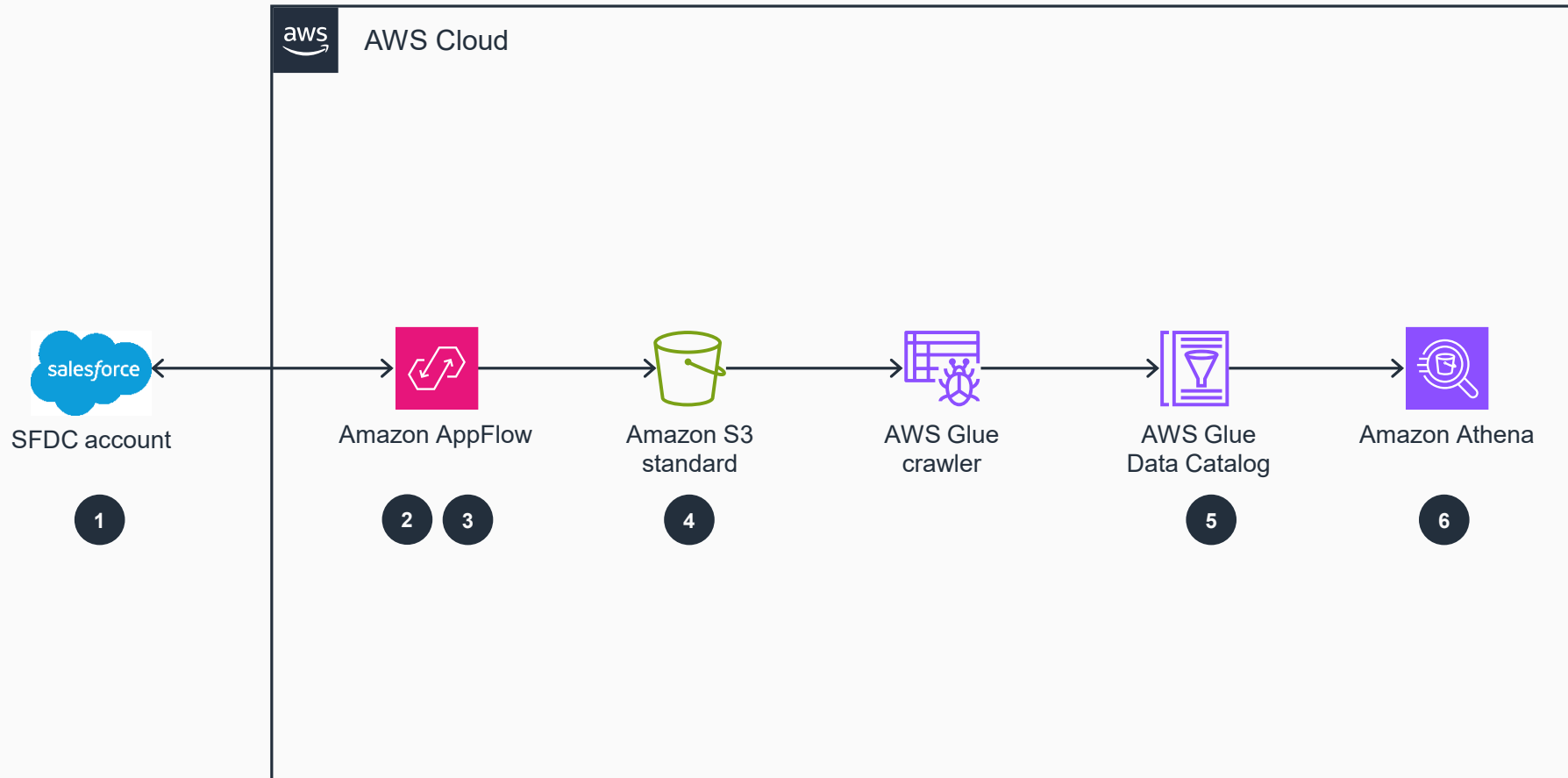


# Guidance for Serverless, No-Code Data Lake Fast Start on AWS

This architecture diagram shows how you can establish connectivity with a Salesforce (SFDC) environment and extract, transform, and load data from default SFDC objects into AWS for unified querying.



**1** Retrieve your access credentials and set up API access and connected apps in your Salesforce (SFDC) account.

**2** **Amazon AppFlow** uses these credentials to automate a bidirectional connection with SFDC.

**3** **Amazon AppFlow** automatically extracts the default SFDC account, contact, opportunity, and the task default objects. It then converts these outputs into Apache Parquet format for optimal query speed.

**4** **Amazon AppFlow** places these parquet files into an **Amazon Simple Storage Service (Amazon S3)** standard bucket for storage and querying.

**5** An **AWS Glue** crawler scans the Apache Parquet files in the **Amazon S3** bucket and creates or updates tables in the **AWS Glue Data Catalog**.

**6** **Amazon Athena** uses the metadata contained in the **Data Catalog**, so that you can run SQL queries on the data in **Amazon S3**.

