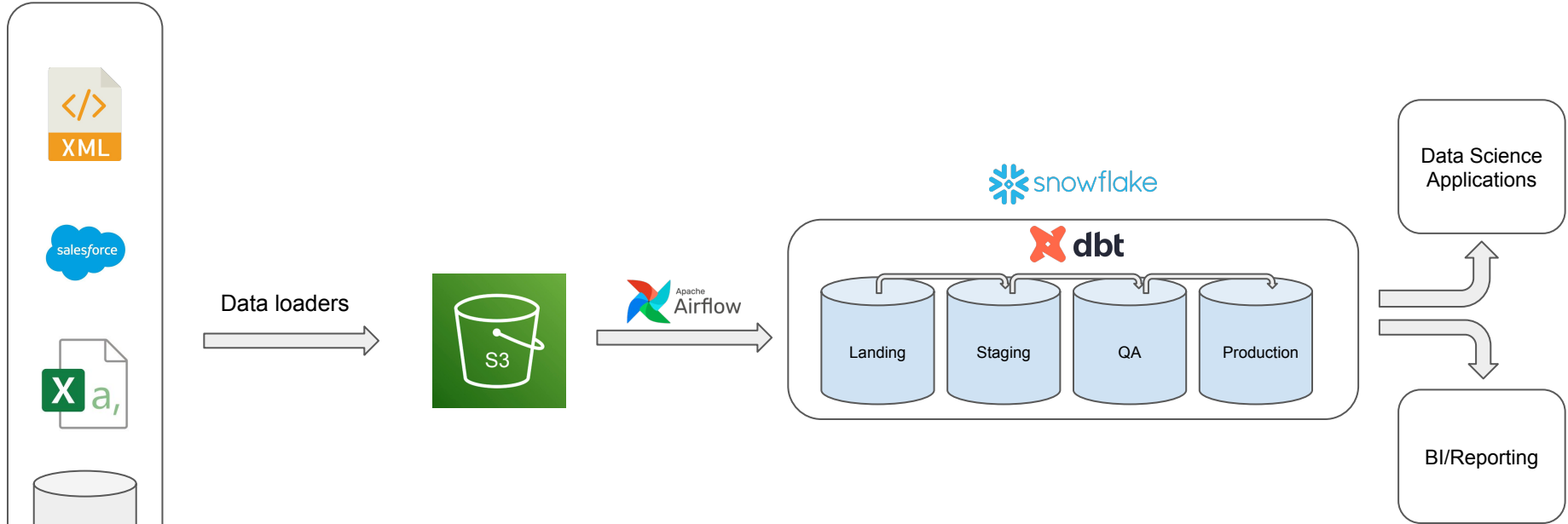


# Modern Data Stack



## ELT Approach:

- Extract data from various data sources
- Store data in S3 (data lake)
- Load data into Snowflake data warehouse with Airflow (or Kafka connector if it's real time)
- Transform data in Snowflake with dbt. This allows analyst to be less dependent on data engineers
- Apply QA, CI/CD
- Generate self-serve BI applications for non-technical users and accommodate data-science needs

# AWS Environment ETL Approach

