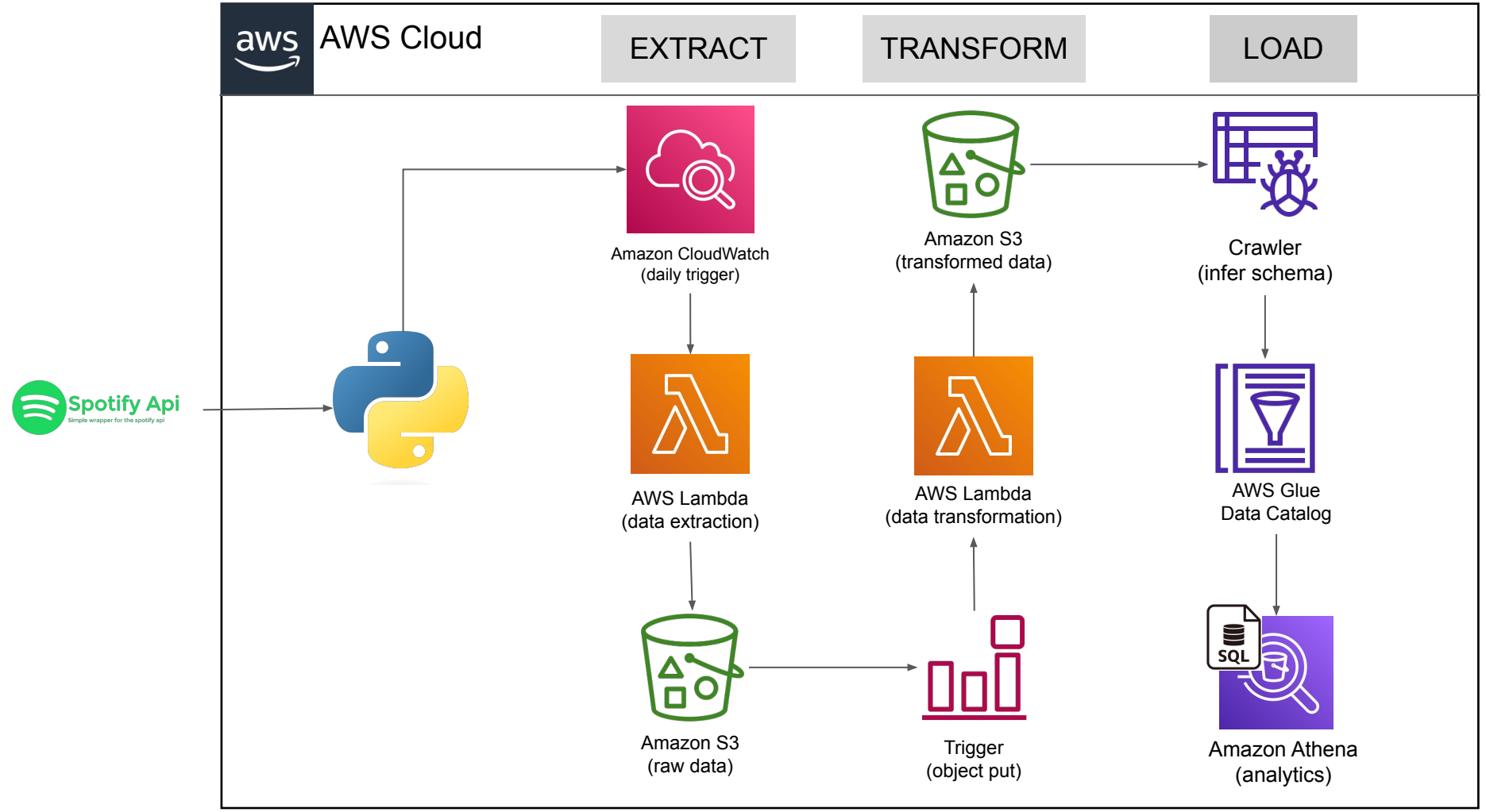
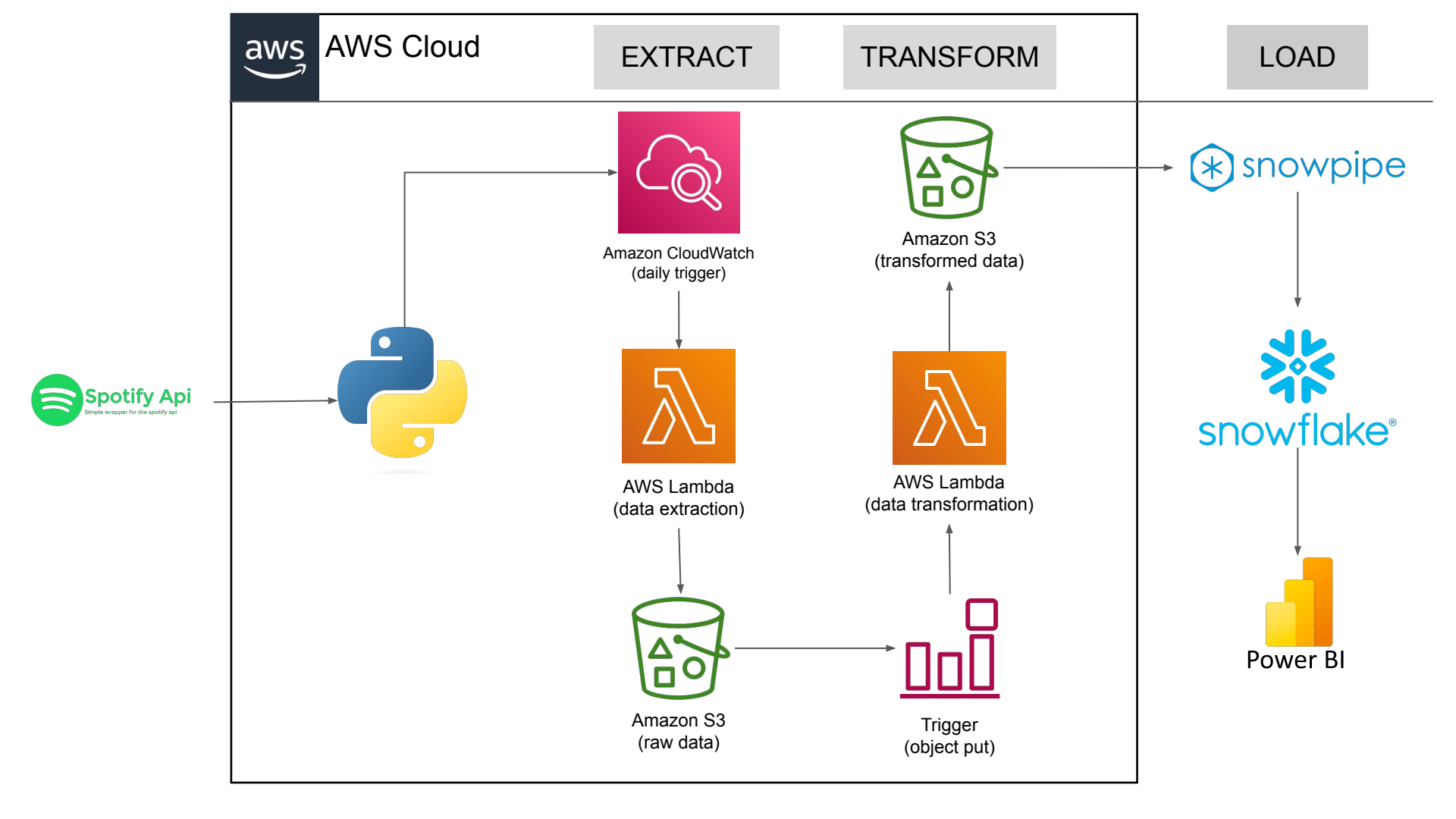
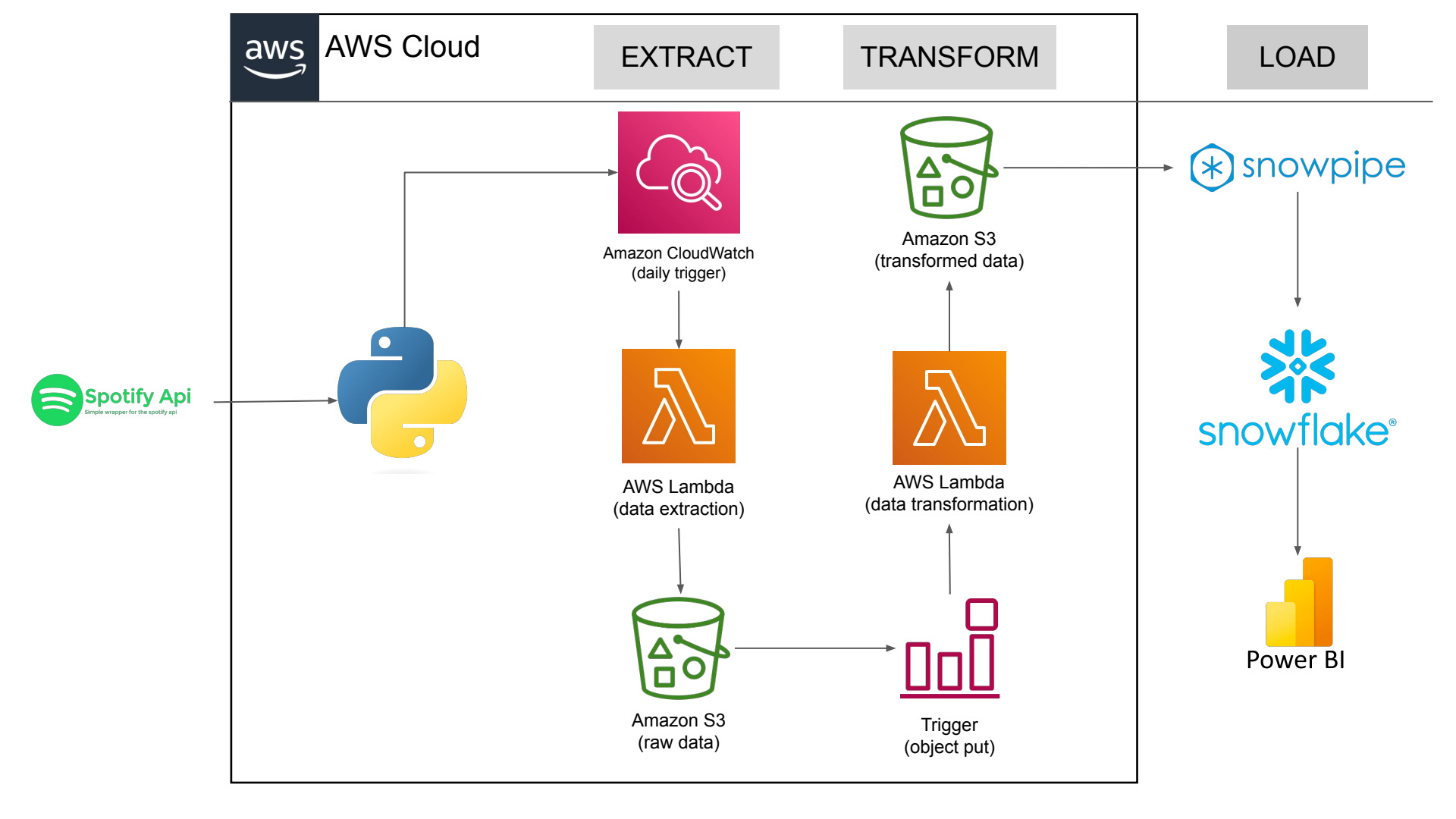

AWS Cloud
EXTRACT
TRANSFORM
LOAD
Spotify Api
Simple wrapper for the spotify api
Amazon CloudWatch
(daily trigger)
AWS Lambda
(data extraction)
Amazon S3
(raw data)
Trigger
(object put)
AWS Lambda
(data transformation)
Amazon S3
(transformed data)
Crawler
(infer schema)
AWS Glue
Data Catalog
SQL
Amazon Athena
(analytics)

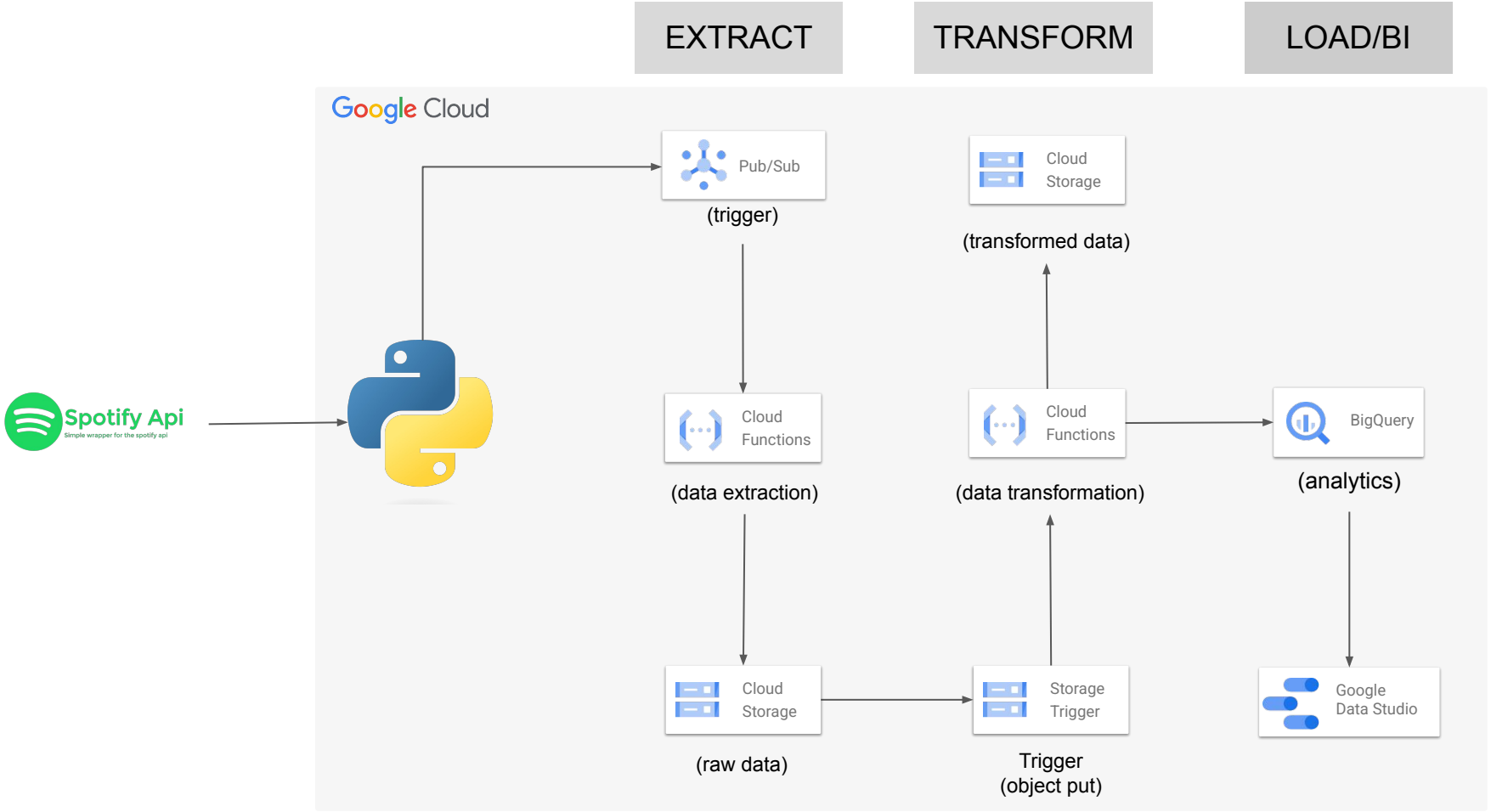

AWS Cloud
EXTRACT
TRANSFORM
LOAD
Spotify Api
Simple wrapper for the spotify api
Amazon CloudWatch
(daily trigger)
AWS Lambda
(data extraction)
Amazon S3
(raw data)
Trigger
(object put)
AWS Lambda
(data transformation)
Amazon S3
(transformed data)
snowpipe
snowflake
Power BI

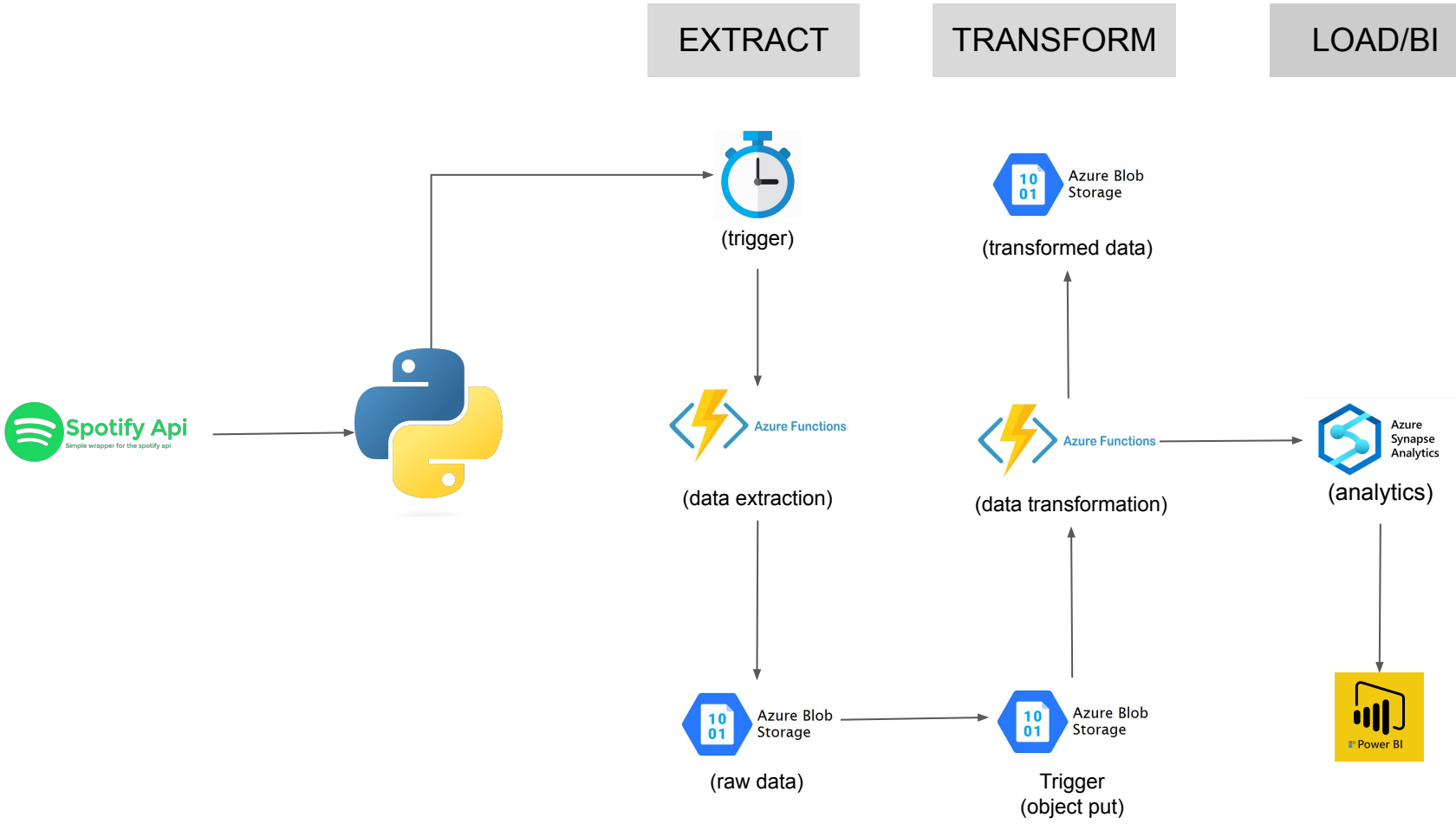

AWS Cloud
EXTRACT
TRANSFORM
LOAD
Spotify Api
Simple wrapper for the spotify api
Amazon CloudWatch
(daily trigger)
AWS Lambda
(data extraction)
Amazon S3
(raw data)
Trigger
(object put)
AWS Lambda
(data transformation)
Amazon S3
(transformed data)
snowpipe
snowflake
Power BI

Step to Load Spotify Data on Snowflake (Challenge)

1. Create 3 Tables on SnowflakeDB - tblAlbum, tblArtist, tblSongs
2. Create Storage Stage to test connection with AWS
3. Test Copy Command and Load Data
4. Create 3 SnowPipe for individual folder
5. Run Complete Pipeline to test it

(Once you finish it share it on channel)


EXTRACT
TRANSFORM
LOAD/BI
Google Cloud
Spotify Api
Simple wrapper for the spotify api
Pub/Sub
(trigger)
Cloud Functions
(data extraction)
Cloud Storage
(raw data)
Storage Trigger
Trigger
(object put)
Cloud Storage
(transformed data)
Cloud Functions
(data transformation)
BigQuery
(analytics)
Google Data Studio


EXTRACT
TRANSFORM
LOAD/BI
Spotify Api
Simple wrapper for the spotify api
(trigger)
Azure Functions
(data extraction)
Azure Blob Storage
(raw data)
Azure Blob Storage
Trigger
(object put)
Azure Functions
(data transformation)
Azure Blob Storage
(transformed data)
Azure Synapse Analytics
(analytics)
Power BI