This is not mandatory reading, but here's the code we'll run in the Snowpipe videos.

---> create the storage integration

CREATE OR REPLACE STORAGE INTEGRATION S3\_role\_integration

TYPE = EXTERNAL\_STAGE

STORAGE\_PROVIDER = S3

ENABLED = TRUE

STORAGE\_AWS\_ROLE\_ARN = "REMOVED"

STORAGE\_ALLOWED\_LOCATIONS = ("s3://intro-to-snowflake-snowpipe/");

---> describe the storage integration to see the info you need to copy over to AWS

DESCRIBE INTEGRATION S3\_role\_integration;

---> create the database

CREATE OR REPLACE DATABASE S3\_db;

---> create the table (automatically in the public schema, because we didn’t specify)

CREATE OR REPLACE TABLE S3\_table(food STRING, taste INT);

USE SCHEMA S3\_db.public;

---> create stage with the link to the S3 bucket and info on the associated storage integration

CREATE OR REPLACE STAGE S3\_stage

url = ('s3://intro-to-snowflake-snowpipe/')

storage\_integration = S3\_role\_integration;

SHOW STAGES;

---> see the files in the stage

LIST @S3\_stage;

---> select the first two columns from the stage

SELECT $1, $2 FROM @S3\_stage;

USE WAREHOUSE COMPUTE\_WH;

---> create the snowpipe, copying from S3\_stage into S3\_table

CREATE PIPE S3\_db.public.S3\_pipe AUTO\_INGEST=TRUE as

COPY INTO S3\_db.public.S3\_table

FROM @S3\_db.public.S3\_stage;

SELECT \* FROM S3\_db.public.S3\_table;

---> see a list of all the pipes

SHOW PIPES;

DESCRIBE PIPE S3\_db.public.S3\_pipe;

---> pause the pipe

ALTER PIPE S3\_db.public.S3\_pipe SET PIPE\_EXECUTION\_PAUSED = TRUE;

---> drop the pipe

DROP PIPE S3\_pipe;

SHOW PIPES;