# Homework

## Problem statement

Imagine a scenario where you were given the task create an ETL (**E**xtract, **T**ransform, **L**oad) so that API data is consumable by business analysts. Fortunately, your co-workers have already done the **E**xtract step and has provided you with a **S3 bucket** containing retail order data in the raw **JSON** format. Your project manager has put you on the task to support these business analysts so that they can query that data using SQL from a PSQL database.

While you're at it, they would also want you to create a user table that would contain summary metrics that you think business analysts would find useful.

**Note:** Keep in mind that the newly created tables have to be sanely structured and those steps should be reproducible with the expectation that the ETL would run daily.

## Provided information

**The raw data resides at https://s3.amazonaws.com/data-eng-homework/v1/data.zip**

**Database Credentials**
**Type:** Postgres
**Version: 9.6.5-R1**
**Server:** datacandidatehomework.czwbfb7cwdaf.us-east-1.rds.amazonaws.com
**Port**: 5432
**Username:** benjamin_ramsay
**Password:** oymoAc8rfjKPf4kM
**Database:** brow_beauty_brow

## Deliverables

- Provide us with a URL of your favorite version control system containing (for example: GitHub) your code
  - Please be conscientious about your commit messages as this is will help us to understand your thought process
- Have at least one table for the orders data and one table user data saved in the Postgres database provided above.
  - Do not restrain yourself to those two tables, you can get creative here!
- While there are endless ways to solve this problem, let's be pragmatic with the scope of the deliverable. We don't expect you to take more than 4 hours to work on this project.