

Answer the following in a readme file and submit the repo link to Canvas.

1. Create an account on lucidchart.com and create an ERD diagram for the following scenario:

A grocery store owner would like to store all their data in a database. Some important facts you need to include are

- 1) The owner has multiple stores
- 2) The owner has multiple employees and the managers report to him, but all other employees report to store managers
- 3) The store has a membership program, but not all customers need to be members

Aside from this, use what you know about grocery stores to create a logical data model.

2. With your group, create a list of at least 5 and no more than 10 ways data can be “dirty”. Perhaps think back to some data sets we have used that have had weird stuff in them. Discuss how you would resolve each of these and briefly explain.
3. Look at the requirements for the exploratory data analysis project. List at least 2 APIs that have data interesting to you. Please pick at least one API that’s not listed in the project instructions.