# Case study task: Part 4 – Extract, transform and load

## Instructions

1. Using the Superstore data, we need to start populating the tables created in Part 3. If you have not already brought in the superstore data as a Staging table, do so now using the Tasks > Import from Flat File method.
2. Consider how you will create distinct rows for each of the entities given the source data is at a transactional level.
3. Consider whether or not you need to populate the primary key for each of your entities. Remember that in the tables you create, you can set **Identity Specification**, so the key will be automatically assigned when uploading your new data.
4. Consider how you will populate the foreign keys in your fact table.
5. We will use a stored procedure (supplied) to populate the Date dimension table. The instructor will show you how to save and call the stored procedure which is in the Day 2 > Data folder. The columns we need in the destination date table are:

* Date
* Day
* Week
* Month
* Quarter
* Year
* Createdate
* Updatedate

1. Upload all data into each table you have created from Part 3.