

Dataset
Contains records of items in a warehouse inventory
Column description
sku: an item identifier
warehouse_location: the warehouse location of an item
quantity: numbers of item in a warehouse location for a specific item
date: expiration date of an item
Context
To differentiate between expired and non-expired items using the date column. All items with a date before 2021-01-01 are expired.
Challenge
Write a python program that does the following:
1. Reads the data from your local file directory
2. Adds a new column named [obsolete]. The column should flag TRUE, indicating an item is expired and FALSE, otherwise
3. Transform the output data to a JSON format
4. Store the data in your local directory
The program will be graded using the below points:
Does the program work as expected? (4 points)
Was the code tested? (2 points)
Is the code reusable? (2 points)
Is the program structured and maintainable? (2 points)