Data Engineer - Assessment

1. **Using the following API calls**
   https://reqres.in/api/users?page=1
   https://reqres.in/api/users?page=2
   https://reqres.in/api/users?page=3
   https://reqres.in/api/users?page=4

   Create a Python program to collect the data

2. **Create a SQL and NoSQL data model based on the data collected**

3. **Parse the collected data in step 1 and using the data model created in step 2 create a program that performs the ETL with source being the collected data and target being the SQL and No SQL Source So at the end of this program you will have 2 Target data sources that is accessible (You can use any sql db and no sql db syntax)**

4. **Provide Aggregation metrics for the collected data**
   Total Records:
   Count of first name starting with same letter: (Brian, Bill, Colin) = B:2, C:1
   Count of last name starting with same letter: (Fields, Foster) = F: 2

5. **Create a Schedule for above data extraction process step 1 that should be executed every 12 hours**

Create a document explaining the steps you have taken to complete the project and screenshots would help

Extra Points for using Docker