Practical Skill test for .NET position.

Consider the following dummy API https://dummyjson.com/. This API has Users (https://dummyjson.com/users) and User Posts (https://dummyjson.com/posts) and User Todos (https://dummyjson.com/todos) and I would like to have my two different applications to access this external API and perform some queries. Write Unit Tests for all the necessary scenarios.

1. Please explain how you would go and develop this solution. Try to use SOLID and DRY principles.
2. 1st Application (Console Application) to Create a PostgreSQL table to store some user data (UserId, number of user posts, number of user todos).
   a. This data comes from filtering the API for Posts with at least one reaction and have history tag.
      Expect to use Entity framework for this.
3. Perform some queries on the 1st Application:
   a. Find the Users with more than 2 posts and show their todo's.
   b. Finds Users that uses "mastercard" as their cardtype and retrieve their posts.
4. 2nd Appplication (Console Application) to Create a PostgreSQL to store Posts (PostId, UserName, hasFrenchTag, hasFictionTag, hasMorethanTwoReactions).
   Expect to use Entity framework for this.
5. How would be your approach in deploying this solution to AWS or Azure.