Software Development Technical Challenge

Hello! Thank you for taking the time to work on this software development technical task. The goal of this task is for you to show your software development knowledge and have a project we can discuss together and are both familiar with. Don't hesitate to ask questions, and don't worry about making anything pretty, the project just needs to be functional and help show your understanding of it, not be a beautiful work of art!

Read through the project requirements and specifications below and attempt to satisfy them. The most important thing is to be able to explain why you made the choices that you did. Completion of this project should not take more than two hours.

Service: Pokémon Height/Weight Analyzer

Using the C# programming language and either Mono, .NET Core, or .NET 5+, develop a small service that will determine the average weight and height of a given subset of Pokémon. Use the open PokéApi (**https://pokeapi.co**) to pull the data and perform your calculations. **There should not need to be a GUI for this service, a CLI tool is preferred.** Upon completion of the project, push the code to a public GitHub repository and send the GitHub repository link to kiel.wood@stratusgrid.com.

Requirements & Specifications

The program should:

- Be written with C# in either Mono, .NET Core, or .NET 5+
- Your CLI script should take two arguments: **limit** and **offset**
- Query a list of Pokémon from the API using the limit and offset inputs mentioned above
- Query details for each Pokémon to retrieve it's height and weight
- Calculate an average weight and height for all the Pokémon in the subset queried and then print the values to the CLI
- Track the time it takes in seconds to execute the entire service and print to CLI following the averages
- Add at least one **unit test** case to the project using a unit testing framework of your choice

HINT for this challenge, speed of the program's execution time is more important than code quality

Bonus Points (not required)

- Calculate the average weight and height by Pokémon Type in addition to the aggregate averages