

# Home Coding Test

## Backend Developer

### Introduction

Build a Web Service with your technology and tools of choice. Add appropriate tests and a level of resilience at your comfort level. This task is estimated for about 2-4 hrs.

Please use a private git repository (free on [github.com](https://github.com)) for managing your good and permit [marc.riegel@aifora.com](mailto:marc.riegel@aifora.com) to access it.

### Project “Hurricanes”

As a User, I need some insights about the occurrence of hurricanes based on my input data (listed below).

The service should provide a JSON web interface that fulfills common standards for REST API's in your best effort. The interface should answer the following questions:

- In which year and month were the most hurricanes?
- Based on that data, estimate the possibility of a hurricane by a given month

Example Input Data: <https://people.sc.fsu.edu/~jburkardt/data/csv/hurricanes.csv>

### Acceptance Criteria

- Input Data file is read at application start
- README file with instructions how to build, test and run your application including required tools and their version