Data Platform interview – practical assignment

Purpose

To assess the candidate's critical thinking, analytical ability and working under time pressure.

This is an "open-book", self-paced assignment – you may use all the resources available on the internet. The scenario partly covers several areas from the Data Platform's daily work but is not representative of our day-to-day work.

If something is not specified, you need to decide and be able to explain it in the technical interview.

Background

A problem has been identified and you are tasked with implementing a solution. We want you to do a little research, increase your understanding and produce a Git repository with code that solves the problem.

Problem

Our stakeholders require a REST API. The API has a single endpoint, "/hello", which returns the message "Hello World".

Your task is to develop the application, using the programming language of your choice, and deploy it to Azure using Terraform. You can get a free trial Azure account here.

Delivery

You have three (3) days from the day you receive this assignment to deliver the solution using a public Git repository. Time is short so you must focus on what you find important. Once finished, please share the repository URL via email to dataplatform@bestseller.com.