

# **Sitecore CDP Technical Consultant Exam**

July 2021

### **Part 1:**

One of the features Sitecore CDP provides is capturing real time user interaction from a customer's website. This test is to simulate the integration process.

- Pick a flight booking website of your choice
- Create a JS script that:
  - Captures detailed flight information on the itinerary/summary page (selected flight time, number, etc.)
    - Create your own flight data model
  - Sends the data to `api.capturedata.com` (not a real website)
    - Tip: You can validate the script by running it from the console of a browser, e.g. Chrome
- Create a test plan that details the test cases you would like to perform for this script Note: (You don't have to perform all the test cases, however the script needs to be executable without any issues)

At this stage, you should have a JS script and a test plan. Make a copy of them as `${website}_script.js` and `test_plan_${website}`. They are required as final committed files.

### **Part 2:**

Sitecore CDP extracts and transforms data on a vast scale. This next part will test working with large data volumes.

Create a python script that:

- Reads in data from a CSV file, parse each line and sends to a REST endpoint with a JSON payload.
  - The input data should consist of (up to 10) records of passenger details from flight bookings.
  - The output should be a single repeating call to the same endpoint as part 1.
  - For testing purposes write all outputted data to a json file.

At this stage, you should have a python script and an input file. Make a copy of them as `extract_transform.py` and `input_data.csv`. They are required as final committed files.

### **Part 3:**

Create a repository on Bitbucket/GitHub, all the files to submit should be shared through this repository.