

Development Assessment

SR SOFTWARE ENGINEER



Objective

Insert all data from a sample data set into the Bold Orange Data Lake. The Bold Orange Data Lake is a proprietary storage mechanism built by Bold Orange to facilitate the transit of data between systems for processing and analysis.

The estimate for the exercise is targeted at 4 hours or less.

Criteria

Create a demo console application {C# or Python preferred} that reads and populates the data from the Microsoft Excel spreadsheet into a Data Lake collection named **<YourName>Example** in an efficient manner. For example, **CarterExample** could be a data set submitted by a candidate named Carter Bayne.

- You may test with other collection names as needed (Example: **CarterTest**) prior to pushing results into the final collection.
- You may use Nuget (or similar) packages, as desired, to complete the task.

Outline your method of discovery in a couple of sentences and visually document your solution. Ensuring it articulates data flow, systems, and any assumptions or related notes.

Any questions for clarification can be directed to: cbayne@boldorange.com

Source Data

See the accompanying document named: **DeveloperAssessmentSampleData.csv**.

Bold Orange Data Lake Documentation

The REST API documentation for the Bold Orange Data Lake is at the following location: <https://datalake.apidocs.boldorange.com/>

Credentials

- Username: {included in email}
- Password: {sent via encrypted email}

Deliverables

- ZIP file of the source code
- Visual documentation of your solution

Please send confirmation of completion and deliverables to:
cbayne@boldorange.com