

INTRODUCTION MODULE – SUMMARY MATERIALS

OVERALL INTRODUCTION

The course will run as a series of independent modules.

- This module is all that's needed to get involved with the design of the frontend of the tool, and test the functionality.
- The next set will cover Python basics up until simple validation rule writing.
- The final set will cover advanced Python needed for the more advanced rules.

For support, contact either:

- Data2Insight slack (#proj-data_quality). There should be a link in your welcome email – if not, https://join.slack.com/t/datatoinsight/shared_invite/zt-nuw179pj-n5Glv7S1bFbeE~l2vZf_w
- Mark.waddoups@socialfinance.org.uk
- datatoinsight.enquiries@gmail.com

There will be weekly drop-in sessions scheduled shortly too – so keep an eye on the slack and your inbox for more information on those.

VALIDATION TOOL

The latest version of the tool can be found at

<https://quality-lac-data-beta.herokuapp.com/>

As part of the materials for this course, I have included a synthetic 903 XML file that you can use to test the frontend. Better yet – if you have your own files, try to locate these on the tool and see if it all works as expected or you get an error.

Any errors you get should be reported on GitHub.

GITHUB OVERVIEW

Our two GitHub sites can be found below:

- The frontend code (<https://github.com/SocialFinanceDigitalLabs/quality-lac-data-beta>)
- The Python code (<https://github.com/SocialFinanceDigitalLabs/quality-lac-data-beta-validator>)

Task 2: Go to the frontend code, and make an issue with a problem or idea you have for the frontend.

REPLIT OVERVIEW

Replit can be found here: <https://replit.com/>.

For this project we are actually using Replit teams, so you will also need to join our team. When you join, you will see some projects assigned for the next few bits of the course.

ANACONDA USAGE (ASIDE)

For this course, we will be supporting Replit as the main method of development because it requires no installation and is easy for us to use to set exercises. However, if you have Anaconda installed and want to understand how this work translates, come to a drop-in and I'll happily talk through it.

EXERCISES

There are a few tasks we would like everyone to complete this week to get involved.

Task 1: Test out the frontend, and make a note of anything you'd like to change, improve or add.

- We will attach some synthetic 903 data alongside these materials, if you want to get a sense of feel for the frontend you can use these.

Task 2: Go to the frontend GitHub, and make an issue with a problem or idea you have for the frontend.

- It's fine if the idea is out there or a duplicate – this is just to get everyone familiar with the idea of writing an issue and using GitHub.
- The link (from above) is <https://github.com/SocialFinanceDigitalLabs/quality-lac-data-beta>

Task 3: Make a Repl.it account and join our team. Follow along with the Replit section of the video and replicate the program.

- Important – use this link to join our team
<https://replit.com/teams/join/agfufivvtwnbwnasvgnqceopuirmbszb-QualityLacDataBetaTeam>
 - o The team link will allow you to see and submit the exercises for later on – don't worry about that for this project.
- Follow along with the video and make sure you are able to open a Python Repl and copy the example program. Any issues – drop them in Slack or email.