

Data Engineer - Technical Test (July 2023)

Hello dear candidate, and **congratulations** on successfully clearing the first interview and screening rounds!

You'll soon meet with us for a **technical interview**, during which we'll chat and get a better understanding of where you are now, and how much of a match there is between our mutual practices.

We recognise **everyone is different**, which is why we have added a mandatory first question as well as a more open 'bonus' one to give you the right opportunity to shine. No single test will be appropriate for all our candidates, and we believe that **you** know best what would be the most appropriate way for you to show us your skills.

The tasks are really here as a "first impression" and to provide a basis for discussion for the technical interview that may follow. The tasks are based on scoped versions of what we consider to be the different facets of our day to day jobs as Data Engineers.

Please **do not spend too much time on each question**. We would rather have a list of things you would like to improve than have you spend 3 hours polishing an already working code.

Last thing: we'd like to wrap this up in about a week's time. If you need more time, it's ok, but please let us know.

Mandatory question - Batch company pipeline

For this exercise, we want you to download and parse data coming from the Sirene Database periodically with the latest updates.

Full description of this exercise can be found [here](#) or as an attachment.

Bonus question - Open source code

If you already happen to have an interesting piece of code of yours online, send us the URL. If it's a repo where you're the main contributor, it's easier for us, but we can also

accept pull requests. We trust your judgment in showcasing your existing work!