Technical Screen
Pairing Interview

Data Scientist

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About the Interview
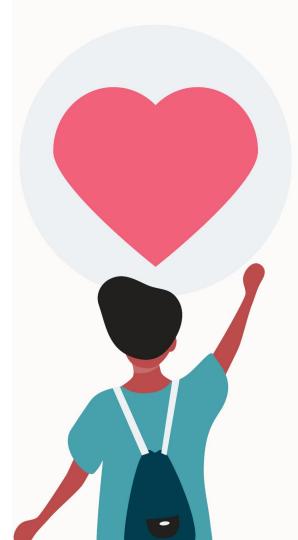
1. **Deepening Understanding**

   It is a coding interview session designed to get a deeper understanding of your knowledge and skills, as well as give you the opportunity to learn more about us through a Zoom collaboration session.

2. **Outcome-Driven Collaboration**

   Collaborate with your interviewer to achieve the outcomes discussed at the start of the interview. Engage in technical discussions to solve problems effectively and understand dataset, design & components, and refactoring opportunities.

3. **Real-Project Simulation**

   Experience our work style by participating in a simulated client project. Implement tasks on top of the provided codebase URL, offering a glimpse into life at Thoughtworks.

How to prepare and what to know

Time required: 1-2 Hours

Get familiar with the **codebase and readme**

1.

Get a high-level understanding of the dataset by looking into the codebook and if necessary downloading the dataset.

2.

Emphasize software quality and best development practices like refactoring, clean code.

3.

You will be expected to work within a code editor/IDE for completing the exercises, and an environment that will allow you to run the provided tests while working through the exercises. If you want to perform any supporting exploratory data analysis or other data science / ML investigation, you're welcome to use other tools such as Jupyter notebooks. Please come ready with all of your favorite tools for working with data installed and ready to go, so we can pair appropriately.

How to prepare and what to know (cont...)

What you need to do in advance

You may still need a break during your interview(s)! Simply let your interviewer know if you need a few minutes.

Please ensure Zoom is installed, test your headphones/microphone, and check your internet well in advance.

Candidates are requested to avoid using Copilot in the exercise to ensure fair evaluation for all, as not everyone may have access. Cooperation is sought for a level playing field.

Prepare questions ahead. You'll get about 10 mins at the interview's end to ask our team about jobs, projects, growth, and more!

Remember we believe interviewing is a two-way street: share your line of thinking and don't be afraid to ask questions while pairing.

It's important to us that everyone feels comfortable being themselves. You may be asked for your pronouns so we can address you correctly.

Additional prep material links

- [Coding habits for a Data Scientist](#)

- [Coding practices for a Data Scientist](#)

- [Data Science and Analytics at Thoughtworks](#)

- [How to disagree with someone successfully and still effectively communicate](#)

After the interview?

Next steps in your process

The recruiter will get in touch with you with feedback and next steps.

Don't forget to ask your recruiter about how to best prepare for any future interviews.

And keep exploring and learning about Thoughtworks via our website.

Looking forward to hearing from you!

The Recruitment Team

Have a question?
Please reach out to your recruiter!

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