

Technical Test

We won't make you do development tasks in the interview – that's not how coding works. Instead, we have a task that we'd like you to do to show us your coding skills. It shouldn't take you long, please don't spend more than 90 minutes on it.

Once you've done the task then email technology@substantiveresearch.com with a link to where your code is stored, e.g. Github, with a Readme explaining how to run it.

The Task

We gather “interaction” data from our clients that shows all the interactions (calls, meetings, etc) between our clients and financial research analysts. These interactions are typically split into 11 core sectors, e.g. Energy, Healthcare, Real Estate, etc. You will find these interactions in the `interactions.csv` file.

Your task is to write an application that outputs this data in HTML showing the percentage of interactions our client has for each sector.

Feel free to use any of the following languages; PHP, JS, Python, HTML, CSS.

Share the code with us and show us what you can do.

Bonus points for:

- A nice UI that makes the most of the output
- Pulling the interaction data via an api call and processing the results in the browser
- Sharing your plan and approach (any notes you made before coding started)
- Any future plans for how the application could be improved