Programming Test

We have tried to keep this test as short as possible while still testing a wide breadth of your knowledge. In total it should not take more than a few hours.

This is a simple test to get a better idea of the kind of candidate you are. While a complete solution would be wonderful we don’t expect it, please don’t spend much more than 2 hours on this test as we believe that is adequate time to gain an understanding of your approach/methodology and coding skill. If you need any information, feel free to contact us through your agent or Warwick’s HR representative.

# The scenario

Warwick Analytics creates algorithms that analyses raw data and provide insights that help our customers identify issues early.

An automotive manufacturer provided us warranty claims and after running our analysis, we identified multiple groups and how much each group has cost the customer. The customer will use our technologies to ingest their data and create a dashboard.

The end user of this report are mechanical engineers.

# Feature Specification

Given the data.json file with data, please prototype a page to display that data using any libraries, design techniques or graphics and images you want, in any layout that you think is appropriate for the customer described in the scenario.

In the data.json file:

* “issuesWeeklyData” has the dates the issues were summarized and the number of occurrences of each issue.
* “costData” has the issues and the total cost per issue on the current period and the aggregated total cost
* “issueData” has a summary of the issues and a relative link to a separate issue detail page.
* “totals” aggregates the totals of number of products completed, the number of issues and the cost of all issues.

# The deliverable

At least one html file and any assets that compose your solution.