**Software Developer Technical Test**

Hello, and welcome to the final stages of the interview process with Opus One Solutions!

Attached to this document, you will find two files:

* power-calc.py
* data1.json

Please open power-calc.py to obtain instruction for the exercise. You will also need to use data1.json to complete the exercise.

Upon completion, please email your code back to us as an attachment. A discussion and dissection of your code will serve as the base for part of your final in-person interview. This exercise should take no more than an hour to complete.

Notes:

* To satisfy step 2, you can use the function we’ve provided
* That function doesn’t include code to implement calculation of q. We’ve attached a picture showing the relationship between p, q and s in a right-angle triangle
* Some of the input data doesn’t include power factor. In those cases, please assume a power factor of 0.9

A close up of a logo

Description automatically generated