Dear candidate,

In this test you will work with a dataset to perform a prediction task. The goal is to create an ML model that can predict student performance. You must complete this test in Python (mandatory). You can use whatever libraries and other tools that you find useful for this task. When you complete the test, please email the results back to the person who shared it with you. The steps below can serve as a guideline:

1. Perform a simple exploratory data analysis of the dataset. This is an optional step but it’s a chance for you to get creative and show something interesting about the data.
2. Create an initial model to create your predictions
3. Usually, several considerations must be made when training a model. Instead of listing them here, we want you to carefully decide what is required to do in order to properly train a model.
4. Once the model is trained, provide a performance report. You must choose relevant metrics and explain why you chose these metrics.
5. Write a brief report explaining your results. This could be in a separate file or alongside your code.
6. Organise your work into a relevant coding project structure: create meaningful directories, explain where to put the data, add a README file that explains how one should run the code and include a requirements/environment file.
7. Compress the project into a file and send us that file.

**Bonus**:

This part is optional. You can do more things other than the steps outlined above if you want to show us another skill that is relevant to this position. Refer to the job spec for this.