

Dear Candidate,

We think that you could be a very good fit into our team and therefore, we would like to assess your data science skills. Thanks for making time to do it!

We will evaluate your thinking process and we would like to understand why you choose one approach over another. We also want to see whether you follow good data science practices, for example how you approach a new data set, consider data preprocessing and organise model training and evaluation. Most importantly, we are keen to understand how you explain your results to us and deal with potential restrictions in time and resources to complete the task.

Challenge: We would like to assess how you approach a problem that is very similar to the challenges we encounter at Casafari. We are sharing with you unstructured data which is very similar to data you can find in our database.

Data: Data can be found in the attached json. It is a dataset containing Spanish information about apartments and houses.

GOAL: Work on developing an model that can distinguish houses from apartments. The input is a data point (dictionary form). The output is a prediction or likelihood for the expected class.

Tips: It is more important to us to understand what you were thinking and your approach and explanation than the overall model performance.

Expected delivery: Please send us a notebook that is clear and needs no further explanation. It should speak for itself.

Time: You have 3 days to return the notebook to us. You can take as much or less time you want to work on the task but please indicate in the notebook the absolute time you spend on doing the assessment.

If you have any questions, please reach out to us

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Good luck!