Position: Machine Learning Forecasting Engineer

Congratulations on getting to next phase of the recruitment process!

This part is to test your practical coding skills.

It consists of two tasks.

It is up to you on how you deliver the answers!

Good luck!

Test Case

# Task 1

Please solve this case study and revert back with solution



# Task 2

Please have a look at the attached code and propose improvements/refactoring.



# Task 3

Second task is about forecasting.

Please use the dataset available on Kaggle:

<https://www.kaggle.com/competitions/rossmann-store-sales/data>

and propose a Machine Learning solution to this problem.  
Please present how you would run sales decomposition on top of the models you’ve built (as an input for TPM/TPO system).