

ML Implementing Challenge

Al Engineering Hiring

Challenge

You are presented with a multivariate **regression** problem and a blind test.

Data description

In the file *training_data.csv*, you will find the training data set of **800 samples**. Each sample has **20 features**, named *[feature_0, feature_1, ..., feature_19]*.

As an Al engineer, you will be in charge of training a model to predict a target variable that you will find in the *target* column of the *training_data* file.

Additionally, the file *blind_test_data.csv* contains **200 samples** with the same 20 features as above; you must propose a solution that allows a user to predict the missing *target* value for these samples using the model you created using the training data. Make a special effort to develop or propose a solution that allows these bulk operations to be carried out regularly.

Tasks

Using the programming language and libraries of your choice, your tasks are the following:

1. Train a model using the training data set.

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- Create a project that can be deployed easily. The PoC needs to use the model you created to provide new predictions, (use the provided blind test dataset to test your solution).
- 3. Describe briefly how you can evolve the solution..

Submission

You will submit by email to ds_interviewers@wizeline.com:

- 1. Your code for the challenge (if needed you can create a zip file), with brief comments explaining its purpose.
- 2. Your 200 predictions for the blind test in csv format with a single column target_pred.

