




Time Series. Project

📅 Dates	@May 18, 2021 → May 22, 2021
☑ Finished	<input type="checkbox"/>
# Module	3
# Time spent, hours	
▼ Type	 Project

Project description

Sweet Lift Taxi company has collected historical data on taxi orders at airports. To attract more drivers during peak hours, we need to predict the amount of taxi orders for the next hour. Build a model for such a prediction.

The RMSE metric on the test set should not be more than 48.

Project instructions

1. Download the data and resample it by one hour.
2. Analyze the data.
3. Train different models with different hyperparameters. The test sample should be 10% of the initial dataset.
4. Test the data using the test sample and provide a conclusion.

Data description

The data is stored in the `/datasets/taxi.csv` file. [Download the dataset](#).

The number of orders is in the `num_orders` column.

Project evaluation

We've put together the evaluation criteria for the project. Read this carefully before moving on to the task.

Here's what the reviewers will look at when reviewing your project:

- Have you followed all the steps of the instructions?
- How did you prepare the data?
- What models and hyperparameters have you considered?
- Have you managed to avoid code duplication?
- What are your findings?
- Have you kept to the project structure?
- Have you kept the code neat?

You have your takeaway sheets and chapter summaries, so you are ready to proceed to the project.

Good luck!