

Data Science Summer Intern assignment 2022

Assignment for candidates

Table of Contents

1. [Data](#)
 2. [Task - Predicting how many orders Wolt may get in next hour](#)
 3. [Data Analysis and Modelling](#)
 4. [Working with files](#)
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Data

- **Time series.** I have chosen this dataset [provided file](#) as a process fluctuating in time
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Task

- **Forecast No. of orders.** - Building a forecasting model for predicting how many orders WOLT may get in next hour?
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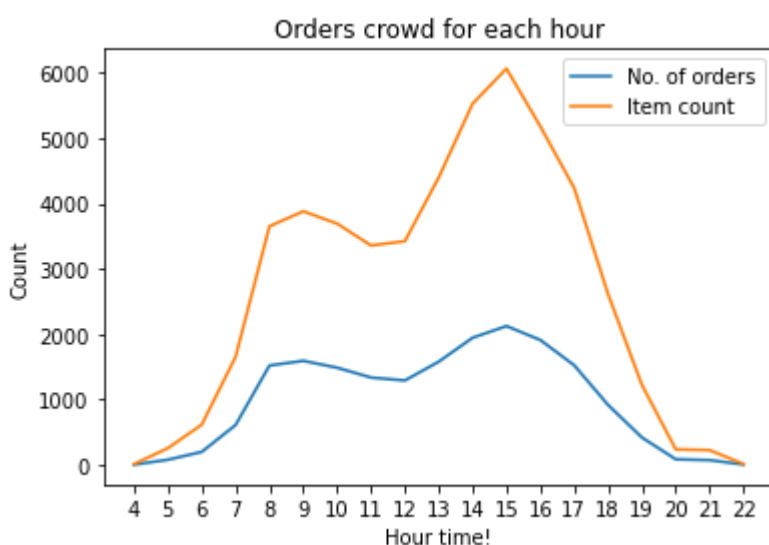
Data Analysis and Modelling

Data Exploration

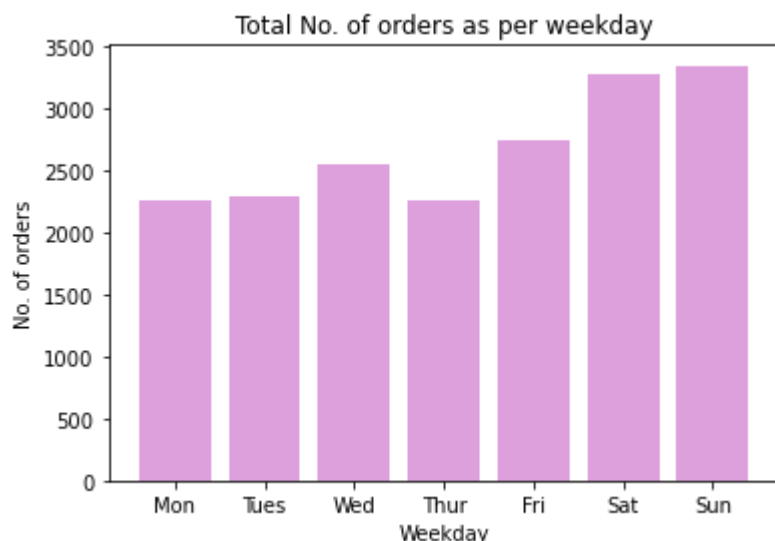
For detail Analysis, go check this [notebook](Analysis.ipynb #Hourly).

Here are some basic insights of data -:

1. Hourly Analysis



2. Weekly Analysis



Modeling

Why did you choose the approach, what kind of benefits do you see in solving it? What kind of metrics can you use to evaluate how good the solution is?

Based on the approach you choose, produce a model suitable for the task. You should include the preparation work, feature engineering and your thought process in your answer.

Evaluation

Are you happy with the results? What kind of results would you expect to see, if this was deployed to production?

Further development

Make slight modifications to the model or take a completely different method to solve it. Compare your two solutions. Strengths, weaknesses? What should you consider when you compare different models? If you had more time and resources, what kind of development could be done to make the solution better?

Your background and Wolt

After the practical work, let's discuss what you have learned and what your ambitions are. Write a bit about the problems you like to work with. Have you written your thesis or a larger piece of coursework about something that you would see beneficial for Wolt? If you already have work history, are there some things that you would like to try here? Based on your knowledge about us, are there some problems you would like to help us solve? Do you have some relevant, interesting minors or side projects? We are always interested in enthusiastic people with fresh ideas, and this could be the opportunity to put something you recently learned into use!