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DATA SCIENCE

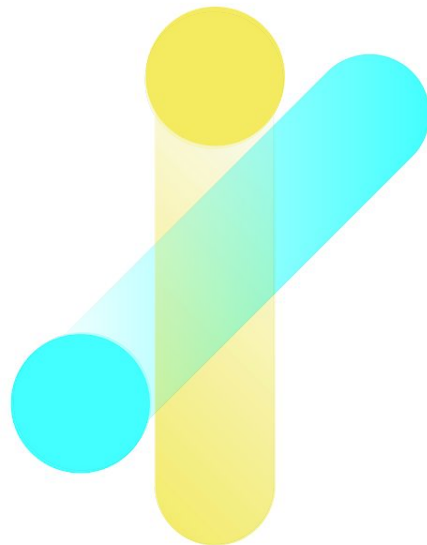
TRAINING PROGRAM

**Learn effective methods
to solve business problems**

**October 7th
@The Shortcut Lab**



selko

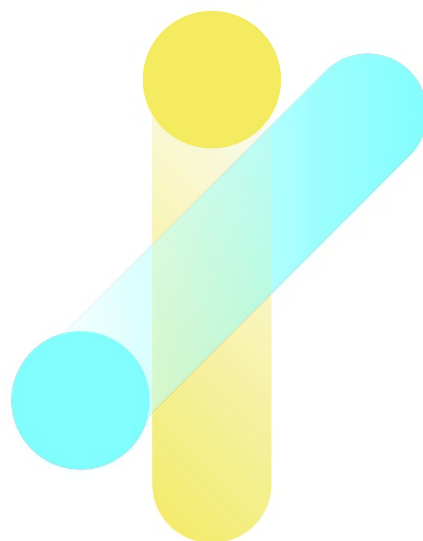


DATA SCIENCE

TRAINING PROGRAM

Lab 5: Data Engineering

By Taneli



Dataset 2

- New York City Airbnb Open Data
<https://www.kaggle.com/dgomonov/new-york-city-airbnb-open-data>
- Will be used in some upcoming weeks, too

Exercises

Pick one of the exercises

- A has no “correct solution”
- B continues from last week
- C is about database storage

(Of course, you can do more than one)

Exercise B: Plot Airbnb features on a map

- Optionally use a docker container
- Or make the map interactive, for example
 - By letting the user select feature(s) of interest
 - Zoomable heatmap

Exercise A: Make the “Motivating Example” work

- Or maybe it works now?
- What pros and cons does your solution have?
- Did you learn anything? Or had fun?

Exercise C: Docker and SQL

- Install docker on your computer
- Set up a Postgres container
- Design table(s) to contain the data set
- Insert the Airbnb data set into your table(s)