

# Challenge: regression analysis

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# Challenge statement

**Objective:** *Predict the nightly price of AirBnB listings in London based on their characteristics.*

**Data source:** [Inside AirBnB](#)

**Dataset:** [2020-08-24-listings.csv.gz](#)

**Guidelines:** [Challenge](#)

# Challenge scaffold

- Because we have so little time, I have made a “scaffold of the project”
  - [challenge\\_scaffold.py](#)
- This is a *bad* solution, but it should be give you a foundation to improve from!

# Aims

- See the [Challenge Guidelines](#).
- By the end of the session:
  - Aim to make progress on each major item in the Guidelines.
  - Start simple, then refine your solution iteratively.

# Help: Regression

 Git Repos

Image credit: [sklearn – Choosing the right estimator](#)