# Exercises

Organize into groups of 2-4 people.

1. Simply explain something you already know. Doesn’t have to be Data Science.
2. Tackle something you don’t know. Doesn’t have to be Data Science, but better if it is.
3. Share your best/favorite analogy with the table
4. Participate (volunteer) in a 24/7 lecture. Give a complete explanation in 24 seconds and completely understandable explanation in 7 words.

For exercise 2, use some of the material on your table, such as the interview questions from last year, examples of simple explainer articles, some of the suggestions below, or your own ideas.

## Other possible explainer suggestions

Describe SVM

Contrast lasso vs. gradient descent

Clustering

Describe these SQL clauses (Select, From, Where)

SQL vs. NoSQL

Tagged data (XML vs. JSON vs. YAML)

Structured vs. Unstructured data

What should you think of if you have wide data?

Use a Sesame Street analogy for something

Proximity of two concepts/topics/things

Similarity of two concepts/topics/things

Use a nerdy/geeky cultural reference analogy for something (Doctor Who, Star Trek, Star Wars, 42, Monty Python, LoTR, etc.)

Compare/contrast: features vs. facts vs. filters

Use a humorous/ironic/satirical analogy for something