

Study instructions

You will be working with the following dataset, containing various fruit juices and their properties.

ID	fruit type	juice type	calories (kcal)	sugar (g)	vitamin-c (mg)
0	Apple	Concentrated	54	13	0
1	Apple	Concentrated	46	11	3
2	Apple	Concentrated	50	11	0
3	Peach	Nectar	66	14	2
4	Peach	Nectar	55	12	1
5	Orange	Juice	50	12	3
6	Orange	Sweetened	62	14	1
7	Apple	Juice	50	12	2
8	Pear	Juice	48	11	1

Your task is to construct creative visualizations, using elements borrowed from images. You will be completing three exercises.

In each exercise, your goal is to create **as closely as possible a replication** of the given visualization. You will have at most 10 minutes to complete each exercise. You can take breaks between each exercise.

The dataset and the images you need for the exercises are all pre-loaded in the tool. Some visual elements (e.g. glyphs, patterns) have also been pre-extracted and pre-loaded in the different libraries.

We ask you to **think out loud**, when performing the exercises, by **verbalizing all of your thoughts, intents and actions** as you operate the tool.

You are allowed to ask questions to the experimenter if you encounter difficulties, however, you are strongly encouraged to try to complete the tasks as independently as possible, before you seek guidance.

Let the experimenter know when you are ready to start the experiment.