

Honors Class06 Activity: Practice with Tables – Breakfast Cereals

Team Members: _____

Learning Objectives

- Read data into tables
- Understanding metadata
- Manipulating data tables

You will be using data tables for just about everything the rest of the semester, so let's warm-up today with an exercise designed to review many of the basic table operations. And what could be better on a table than some breakfast cereal? We'll start by loading a data from a file.

To save you a lot of typing, there is a starter Jupyter notebook under "class activities." Open the one for class_06. At the start you are provided with metadata.

Problem 1: In your own words, what is metadata?

Recall that an array has to contain data of all the same type. In this table most of the data is numeric.

Problem : Which columns contain an arrays of strings?

Problem 1: What is the output?

```
a = "I'm not arguing."  
b = "I'm just explaining why I'm right."  
print(a + b)
```