Merck Coding Challenge Instructions

Your Mission: Decode some binary data files.

Here are three folders with chromatography data:

**pear** challenge (easy): time vs. intensity data

**scale** challenge (intermediate): time vs. wavelength vs. absorbance data

**sixtysix** (hard): time vs. mass vs. intensity data

In each folder, there are some binary files, along with a .csv file containing the decoded data. Your job is to:

(a) examine the raw data with a hex editor

(b) determine how the data are stored in binary form

(c) write a Python program that converts the binary data into csv form (to parallel the provided csv)

Please provide a concise and clear explanation for (b) in markdown format.

If you choose to undertake the challenge, please do not spend more than four hours on it. Answers should be submitted by creating a private github repository and adding me (ekwan) as a collaborator.

Thanks and good luck!