**Task Description**

Use the information provided in the attached file to compute the breathing rate at 15-second intervals.

* Do **not** use any external packages that directly calculate breathing rate. It is acceptable to use libraries such as NumPy, scikit-learn (sklearn), etc.
* The **input file** contains up to three fields per entry:
  + ts: timestamp (always present)
  + hr: heart rate
  + rr: a list of inter-beat intervals

**Output Requirements**

* Generate a CSV file with two columns:
  + time: formatted as HH:MM:SS, localized to the **PDT** timezone
  + bpm: breaths per minute, rounded to **1 decimal place**

**Additional Requirements**

* Provide a standalone Python script that can be executed to regenerate the output.
* The code should be well-documented to clearly explain your logic and methodology.