The meaning of the word "Data" in science

The screengrabs from Wiktionary shown below use yellow and red to highlight what the word "data" means in a scientific context. In contrast, gray is used to highlight the sense it which the word is used by the telecommunications industry.

datum (*plural* **data** *or* **datums**)

1. (*plural:* **data**) A measurement of something on a scale understood by both the recorder (a person or device) and the reader (another person or device). The scale is arbitrarily defined, such as from 1 to 10 by ones, 1 to 100 by 0.1, or simply *true* or *false*, *on* or *off*, *yes*, *no*, or *maybe*, etc.
2. (*plural:* **data**) (*philosophy*) A fact known from direct observation.
3. (*plural:* **data**) (*philosophy*) A premise from which conclusions are drawn.
4. (*plural:* **datums**) (*cartography*, *engineering*) A fixed reference point, or a coordinate system.

data

1. *plural of* **datum**

Yes!

data (*uncountable*)

1. (*collectively*) Information, especially in a scientific or computational context, or with the implication that it is organized. [quotations ▼]

   *The raw information was processed and placed into a database so the **data** could be accessed more quickly.*

2. (*collectively*) Recorded observations that are usually presented in a structured format.
3. (*computing*) A representation of facts or ideas in a formalized manner capable of being communicated or manipulated by some process.
4. (*mobile telephony*) Digital information such as images or web pages transmitted using the cellular telephone network rather than wifi.

   *run out of **data***

No!