

Data Science The Stanford Way

[Originalartikel](#)

[Backup](#)

Data science is a relatively new term for a relatively old discipline. Essentially, it is data analysis, particularly for large data sets. It involves techniques as wide-ranging as statistics, computer science, and information theory. What to know more? Stanford has a [Data Science Handbook](https://stanforddatascience.github.io/best-practices/index.html) that you can read online. Topics range from how to design a study and create an analytic plan to how to do data visualization, summarization, and analysis. The document covers quite a bit but is very concise. Data science tends to use Python, although we aren't sure why that is. However, you might look into the [Python Data Science Handbook](https://jakevdp.github.io/PythonDataScienceHandbook/) and [Think Stats](https://greenteapress.com/thinkstats2/thinkstats2.pdf) to apply what you've learned about data science to Python. Be sure, too, to check out Stanford Online's [playlist](https://www.youtube.com/watch?v=SpZall7nT0Q&list=PLoROMvodv4rO5jY6RA1eFVcLVY2kJU_EL) for Statistics and Data Science for many interesting seminars, including [How to be a Statistical Detective](https://hackaday.com/2022/04/03/using-statistics-instead-of-sensors/). Generating a lot of data is something sensors are good at, so it makes sense that data science and statistics techniques [might apply](https://hackaday.com/2022/04/03/using-statistics-instead-of-sensors/). Data science is supposed to be new and shiny, but in reality, it has been going on for a very long time. Ask [World War II statistician Abraham Wald](https://hackaday.com/2019/08/01/abraham-walds-problem-solving-lesson-is-to-see-whats-not-there/). Title graphic: by [Schutz] [CC-SA-3.0](https://creativecommons.org/licenses/by-sa/3.0/deed.en). [Stanford Webinar - How to Analyze Research Data: Kristin Sainani](https://www.youtube.com/embed/SpZall7nT0Q?list=PLoROMvodv4rO5jY6RA1eFVcLVY2kJU_EL) width=„800“ height=„450“ src=„https://www.youtube.com/embed/SpZall7nT0Q?list=PLoROMvodv4rO5jY6RA1eFVcLVY2kJU_EL“ frameborder=„0“ allowfullscreen=„allowfullscreen“>[embedded content]

From:

<https://schnipsl.qgelm.de/> - Qgelm

Permanent link:

<https://schnipsl.qgelm.de/doku.php?id=wallabag:wb2data-science-the-stanford-way>

Last update: 2025/06/27 11:17

