

What we wish people knew more about when working with R

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As every established scholar knows, the ignorance of younger people can appear to be absolutely bottomless. On second thought, you usually have to forgive them for not knowing what they were never taught. However, it does mean that we have work to do to bring e.g. PhD students to a level where they can contribute productively to R packages and to do so at a reasonable quality level.

This talk tries to establish a catalogue of items that would be essential in an introductory curriculum in statistical and scientific computing. This could include basic computer science topics, notably the theory of programming languages and object orientation, numerical analysis, and the practical toolchains involved in software development.