

# Enabling reproducibility in data science - learn why it matters and how you can do it

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## Impulse lecture: Open science & reproducibility

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Research is reproducible when it is possible to (independently) recreate the same results from the same data and same code/analysis as used by the original researcher or team of researchers. Reproducibility enhances collaboration and transparency in science and supports reusability of scientific products. This closely links with the open science endeavour towards the cultural change in science and science communication. Open science aims for a more effective and open exchange of information within science and the promotion of methods and the transfer of scientific results to society, the economy, and politics.

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