



## A curriculum for foundational Research Data Science skills for Early Career Researchers

### The Challenge:

Giving Early Career Researchers (ECR's) the foundational skills in Data Science to work with their data.



Produced by: **RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG**

<https://www.rd-alliance.org/groups/rdacodata-summer-schools-data-science-and-cloud-computing-developing-world.html>

## What is the solution?

This recommendation describes the curriculum and example materials to give Early Career Researchers (ECR's) the foundational skills in Data Science to work with their data. This curriculum combines technical skills, such as Software Carpentry with responsible research practices such as Open and Responsible Research and Research Data Management. This curriculum includes a set of curriculum specifications for the modules run in this curriculum, an example timetable for a 10 day intensive training event, a diagram to show how these modules are connected, and a spreadsheet of links to example materials that implements this.

## What is the impact?

At the end of 2019, approximately 400 students had been taught on four continents using the curriculum.



Find out more about this  
Recommendation

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