

1-5 Aug
2022

— Applications open for —

DATA CARPENTRY (GENOMICS) WORKSHOP



Get more done in less time and with less pain!

Data Carpentry's aim is to teach basic concepts, skills and tools for working with data, so you can get more done in less time and with less pain.

This workshop teaches data management and analysis for genomics research, including:

- best practices for organisation of bioinformatics projects and data
- use of command-line utilities
- use of command-line tools to analyse sequence quality and perform variant calling
- connecting to and using cloud computing.

DETAILS

Who can attend?

Graduate students and other researchers. Learners do not need prior experience with the tools covered in the workshop. However, learners are expected to have some familiarity with biological concepts, including the concept of genomic variation within a population.

Where and when:

1-5 August 2022

Training takes place **online**.

Pre-event preparation:

This workshop is designed to be run on pre-imaged Amazon Web Services (AWS) instances. All of the data and most of the software used in the workshop are hosted on an Amazon Machine Image (AMI).

Some additional software needs to be installed on your computer. For further details, please visit: <https://datacarpentry.org/genomics-workshop/setup.html>

HOW TO APPLY

Register on <https://bit.ly/3NHRWQq> by 25 July 2022.

Only successful applicants will be notified by 27 July, so they can prepare for the event.

FURTHER INFO

Email any questions to: info@nithecs.ac.za

For more info on Software Carpentry, visit <https://software-carpentry.org/about/>

This training is hosted by NITheCS and presented by The Carpentries:

NITheCS

National Institute for
Theoretical and Computational Sciences

