



Science and Technology Consulting LLC

Dry Bench Skills for the Researcher

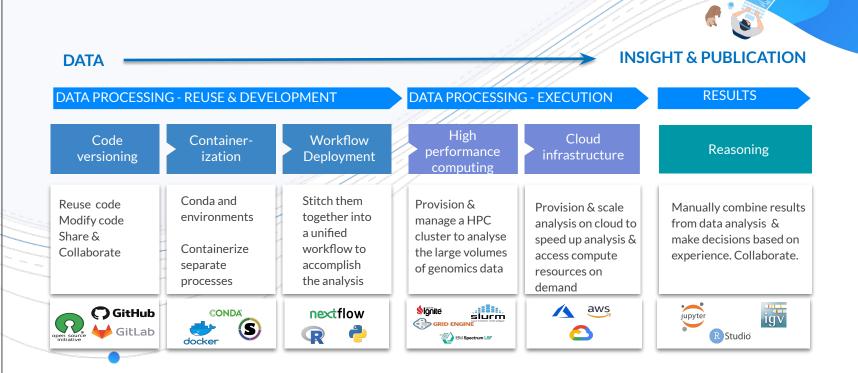
Day 5

Putting it all together RNASeq Nextflow

2020 Dec 9

What are we doing here?

We are taking you through the steps to create reproducible science



Dry Bench Skills Roadmap

Intro to Command **Putting it all** Git and line in the **Introduction Conda** together Nextflow Collaboration and Docker **RNASeq JupyterLab Nextflow** Interface Day 5 Day 3 Day 1 Day 2 Day 4 Conda Nextflow Bash skills intro Git **Best Practices** R GitHub for Teamwork Docker RNASeq workflow JupyterLab JupyterLab JupyterLab Volcano plot Volcano plot Volcano plot Prepping for Nextflow Zenodo

Dry Bench Skills Agenda - Day 5





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Introduction to Nextflow

Agenda for the day:

Time	Programme
12.00 - 12.10	Course Agenda Recap, Getting Controlled Access Data, Illustrative end-to-end Example and Getting today's data
12.10 - 12.20	1. Nextflow concepts: Configuration files and revisitting reproducibility
12.20 - 13.00	2. Nextflow $ imes$ and nf-core $ f$, utilising community available resources for analyses
13.00 - 13.10	Short break
13.10 - 13.50	3. Running a modified forked nf-core workflow on Lifebit CloudOS
13.50 - 14.00	4. Closing remards and future directions



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Thank you

...from everyone at



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