



Ready for
BioData.pt
Management?



Intensive Course

Course Overview

Daniel Faria, Jorge Oliveira, Gil Poiares-Oliveira

Learning Objectives

- Sensitise researchers to the need for good data management practices
- Overview the stages of the data lifecycle and the challenges that arise at each stage
- Capacitate researchers in addressing key challenges



Trainers



Daniel Faria

Assistant Professor at IST & Researcher at INESC-ID
Scientific Coordinator of the Ready for BioData Management program



Jorge Oliveira

Invited Assistant Professor at IST & Researcher at INESC-ID



Gil Poiares Oliveira

Bioinformatics & Data Management Training Technician at
BioData.pt / INESC-ID



Agenda

Day 1				
Time	Session	Type	Summary	Trainer(s)
11:00	Introduction to RDM	T	Interactive presentation motivating and introducing RDM	Daniel Faria
12:30	Data Collection Overview	T	Discussion of the key issues at the stage of data collection	Daniel Faria
13:00	Lunch Break*			
14:00	Data Collection Hands-On	P	Group exercise on the electronic lab notebook eLabFTW	Gil Oliveira
15:30	Data Processing & Analysis Overview	T	Discussion of the key issues at the stages of data processing and analysis	Daniel Faria
16:00	Data Processing & Analysis Hands-On	P	Group exercise on the workflow platform Galaxy	Jorge Oliveira
17:30	Wrap Up	T	Quick discussion of the day's lessons	Trainers & Participants



Agenda

Day 2				
Time	Session	Type	Summary	Trainer(s)
9:30	Quick Recap / Intro	T	Short summary of day 1 and introduction to day 2	Daniel Faria
9:45	Data Preservation Overview	T	Discussion of the key issues at the stage of data preservation	Daniel Faria
10:15	Data Storage Hands-On	P	Quick group exercise on the storage-cost estimation tool of the DSW	Jorge Oliveira
10:45	Coffee Break*			
11:00	Data Sharing & Reuse Overview	T	Discussion of the key issues at the stages of data sharing and reuse	Daniel Faria
11:30	Data Sharing & Reuse Hands-On	P	Group exercise on the DMPortal, an instance of DataVerse	Gil Oliveira
13:00	Lunch Break*			
14:00	Data Management Planning Overview	T	Discussion of the key issues at the stage of planning	Daniel Faria
14:30	Data Management Planning Hands-On	P	Group exercise on the Data Stewardship Wizard (DSW)	Jorge Oliveira
16:00	Wrap Up	T	Quick discussion of the course's lessons	Trainers & Participants





Thank You!

Questions?