

Programme

Lectures

Cinema Room, Jagiellonian Centre of Innovation, bldg. C

Monday, 4th February

08:30 - 09:00 Registration
09:00 - 09:30 Welcome & Introduction
09:30 - 10:30 Data Science in Life Science
10:30 - 11:00 Coffee break
11:00 - 12:30 Product development
12:30 - 13:30 Lunch
13:30 - 15:00 Opening lecture
15:00 - 15:30 Coffee break
15:30 - 17:00 Biomarkers and Precision Medicine: Understanding the promise and the perils

Tuesday, 5th February

09:00 - 09:45 Test-driven development
09:45 - 10:30 Clean code
10:30 - 11:00 Coffee break
11:00 - 11:45 DVCS for dummies & Git 101
11:45 - 12:30 Docker & K8s
12:30 - 13:30 Lunch
13:30 - 14:15 Python for Life Science
14:15 - 15:00 Cloud computing intro
15:00 - 15:30 Coffee break
15:30 - 16:30 Setup party
16:30 - 17:30 UNIX & bash intro

Tutorial

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Wednesday, 6th February

09:00 - 09:30 Introduction to tutorial
09:30 - 10:30 Git 101
10:30 - 11:00 Coffee break
11:00 - 12:30 Database & SQL
12:30 - 13:30 Lunch
13:30 - 15:00 Docker & K8s basics
15:00 - 15:30 Coffee break
15:30 - 17:00 Reproducible pipeline design

Thursday, 7th February

09:00 - 10:30 Agile planning
10:30 - 11:00 Coffee break
11:00 - 12:30 Testing and CI with Python & Clean code
12:30 - 13:30 Lunch
13:30 - 15:00 Python for Life Science
15:00 - 15:30 Coffee break
15:30 - 17:30 Introduction to cloud computing

Friday, 8th February

09:00 - 10:30 Data management & model development for Machine Learning part 1
10:30 - 11:00 Coffee break
11:00 - 12:30 Data management & model development for Machine Learning part 2
12:30 - 13:30 Lunch