

# Focus on computing techniques

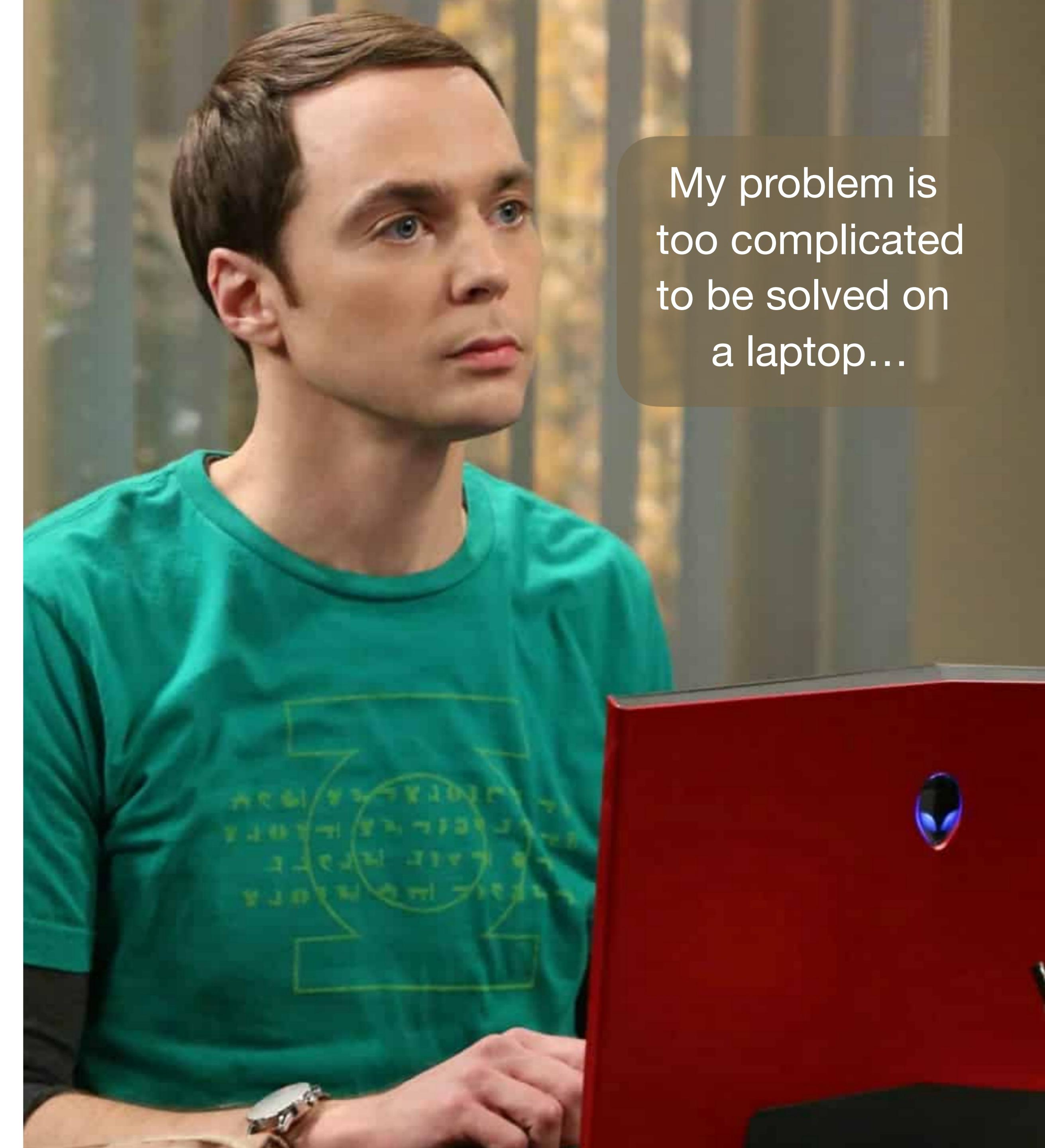
Introduction to the lectures

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# Rationale

We will talk about...

- **How do we really do** Machine Learning (ML) or Big Data (BD) analysis?
- Top-down approach: from what one should do, to how it works behind the scenes.
- Introduce main **concepts and keywords**, but we will not go into detail.
- Concepts useful not only in ML or BD but in general to build a **modern frame of mind** in the computing domain.



# Program

**Day 1:** Smart Workflows

How to develop your application

**Day 2:** Distributed computing

How to deal with complex problems

**Day 3:** Distributed data

How to deal with a lot of data

**Day 4:** Distributed infrastructure

How to choose where to run