

Focus on computing techniques

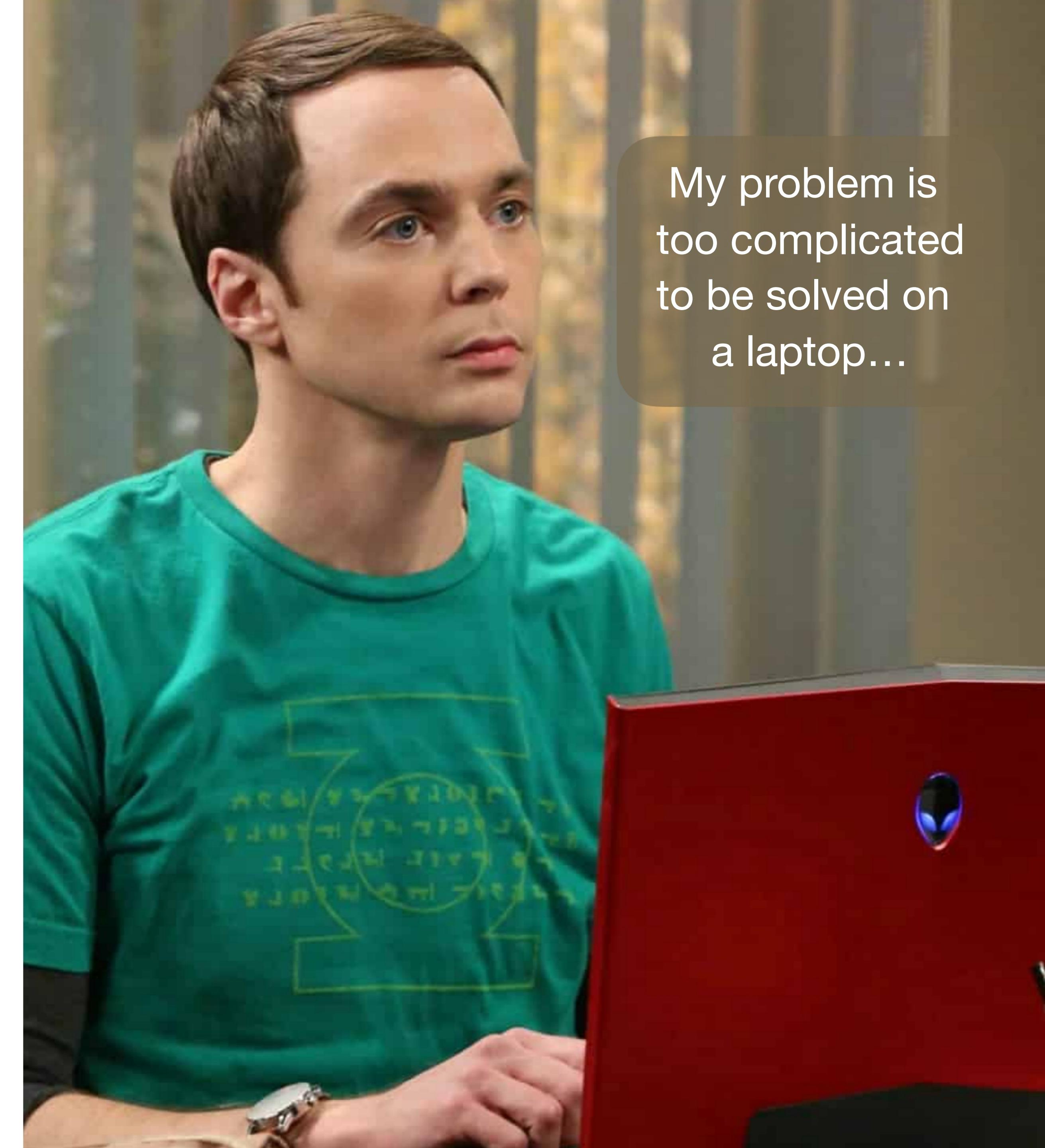
Introduction to the lectures

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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

Day 2:

- Distributed computing
- Distributed data

Day 3: Distributed infrastructure

How to develop your application

How to deal with complex problems
and with a lot of data

How to choose where to run