The background of the slide features a photograph of a dense forest of tall evergreen trees, likely larches, covering a hillside. The trees are arranged in a repeating pattern of vertical trunks and horizontal branches, creating a textured, layered effect across the frame.

Applied Geodata Science I - Session 1

Introduction

Prof. Dr. Benjamin Stocker
Spring semester 2023



Welcome!





Prof. Benjamin Stocker
Group leader



Dr. Koen Hufkens
Senior Scientist



Pepa Arán
Data Scientist



Pascal Schneider
PhD Student



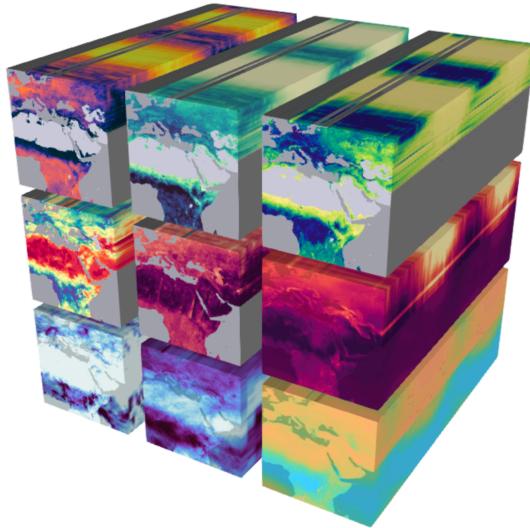
Geocomputation and Earth Observation

Why now?



Why now?





Raw data

Insights about Earth



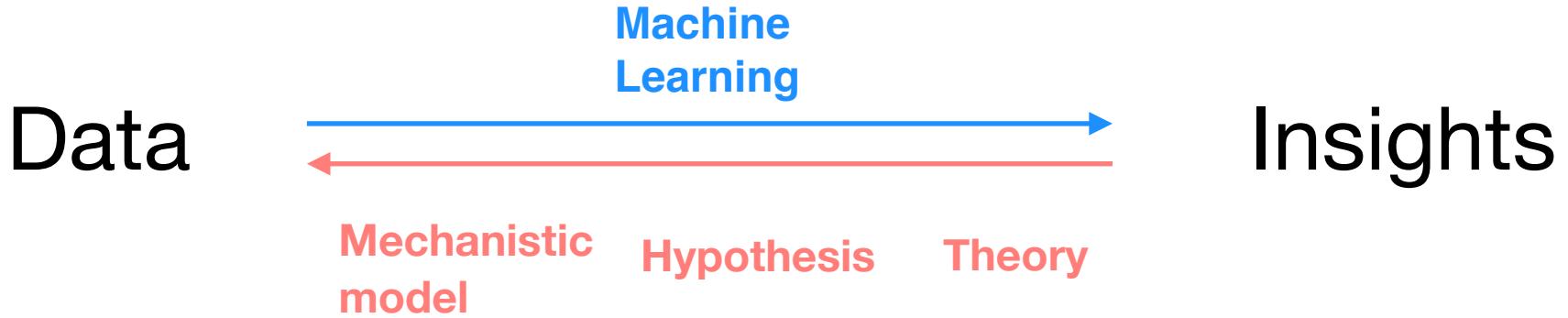
Machine Learning

Raw data

Insights about Earth



A new modelling paradigm



Open Science is the new norm.



Latest updates

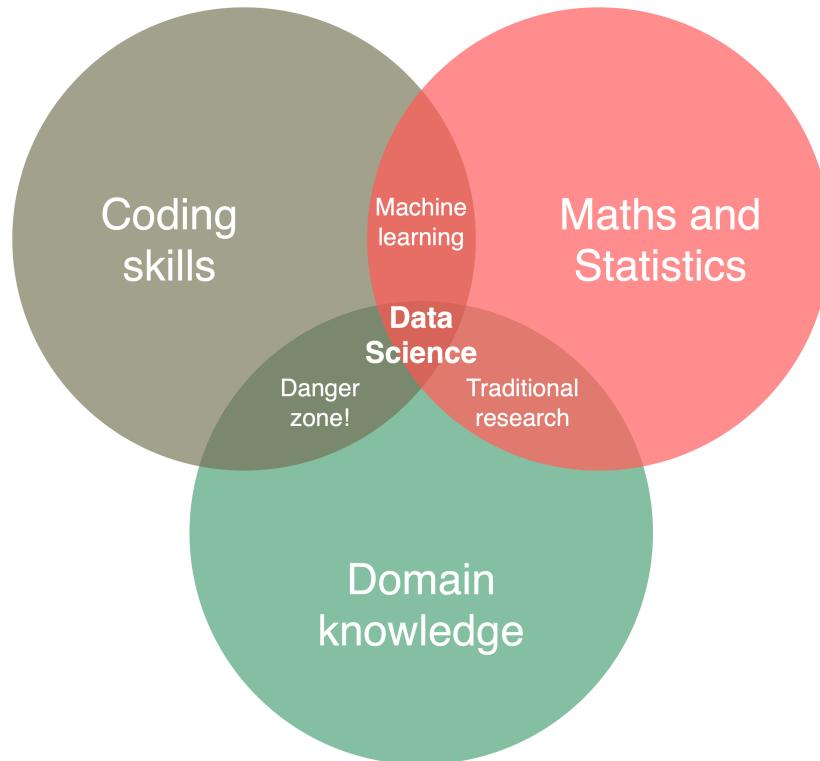
NEWS

UNESCO Science Commission adopts Open Science Recommendation

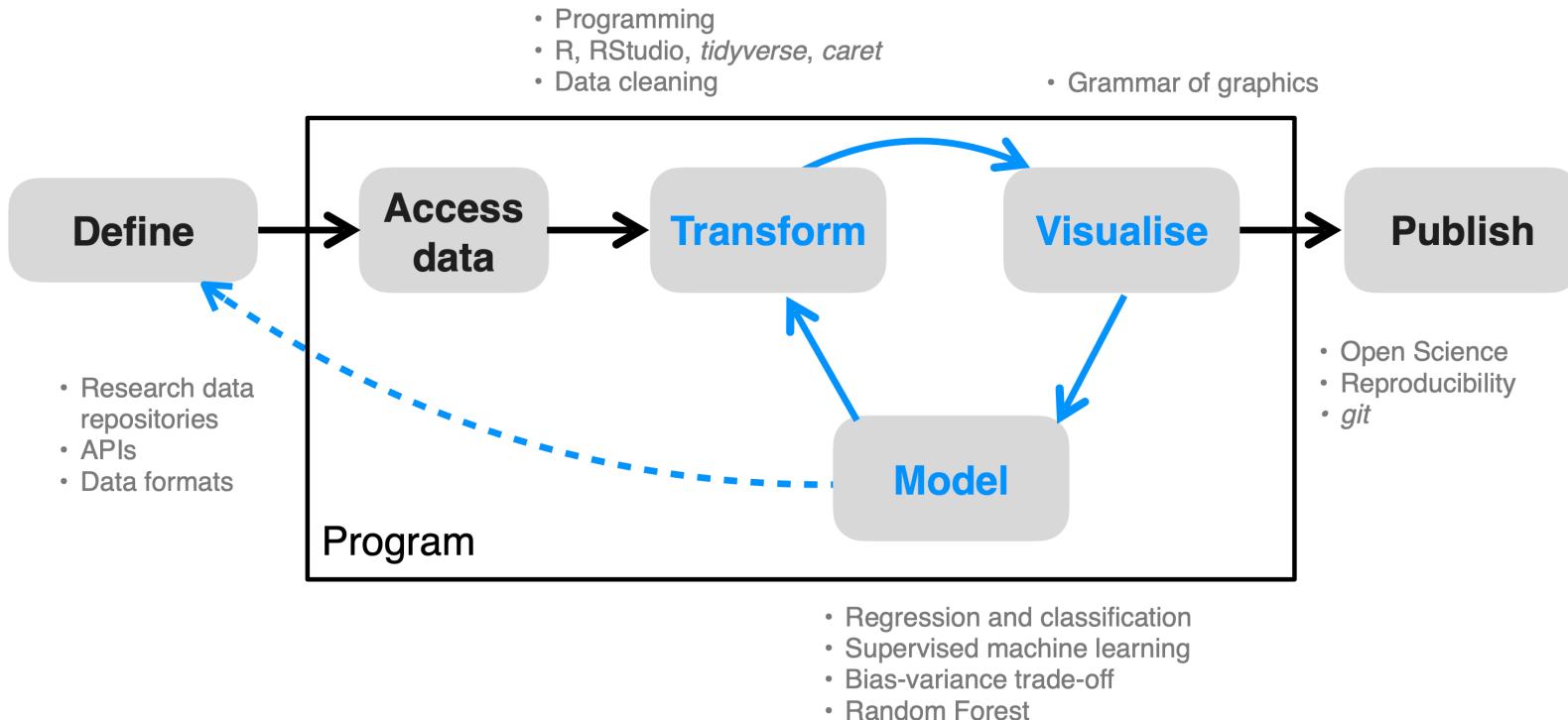
The UNESCO recommendation on Open Science has been unanimously adopted in its entirety by Member States during the Science Commission plenary.



What is Data Science?



The data science workflow



Course goal

**To tell a story with (environmental
and geo-) data.**