



Hands-on: Causality for Machine Learning

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7th Int'l Summer School on Data Science (SSDS 2022), Day 4, 13th October 2022



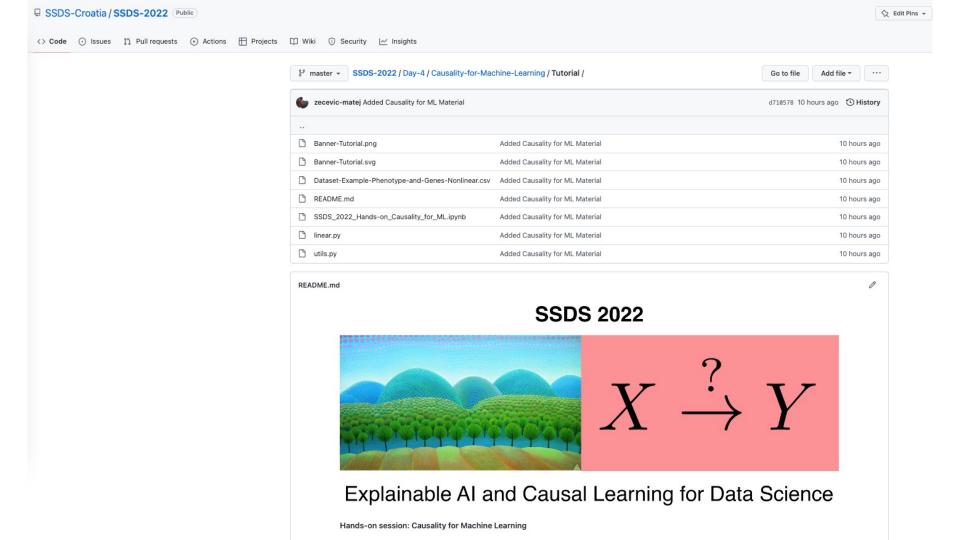
Overview of Today's Programme:

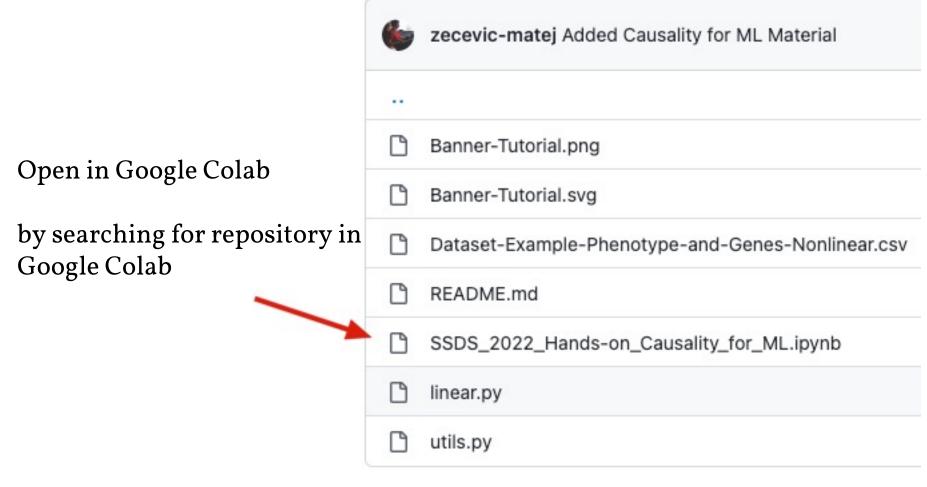
□ Done: Causality for Machine Learning 1, where we explore the basic concepts
 from causality that are being used in current ML research
 9 am - 10:30 am (including Q&A)

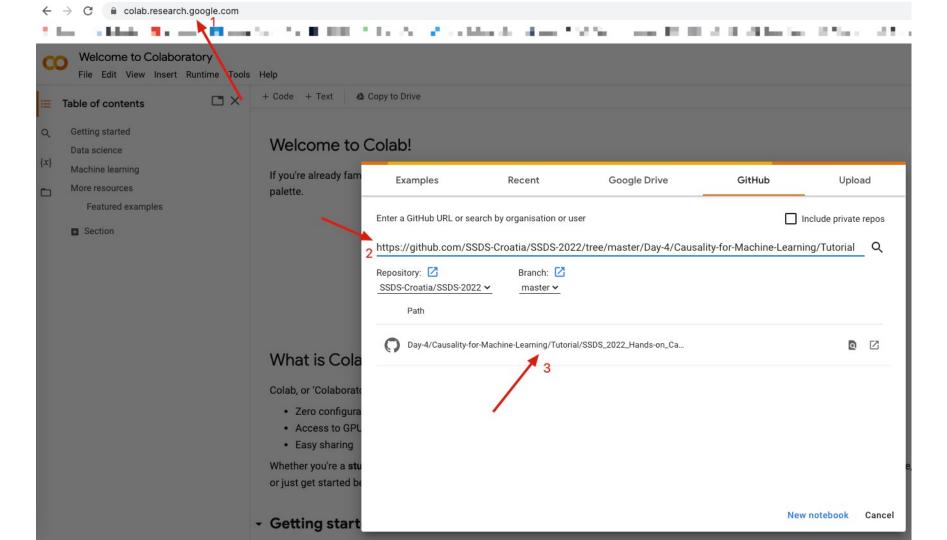
Done: Causality for Machine Learning 2, where we discuss some selected publications and on-going work on the interface of causality and ML 10:45 am 12:15 am (including Q&A)

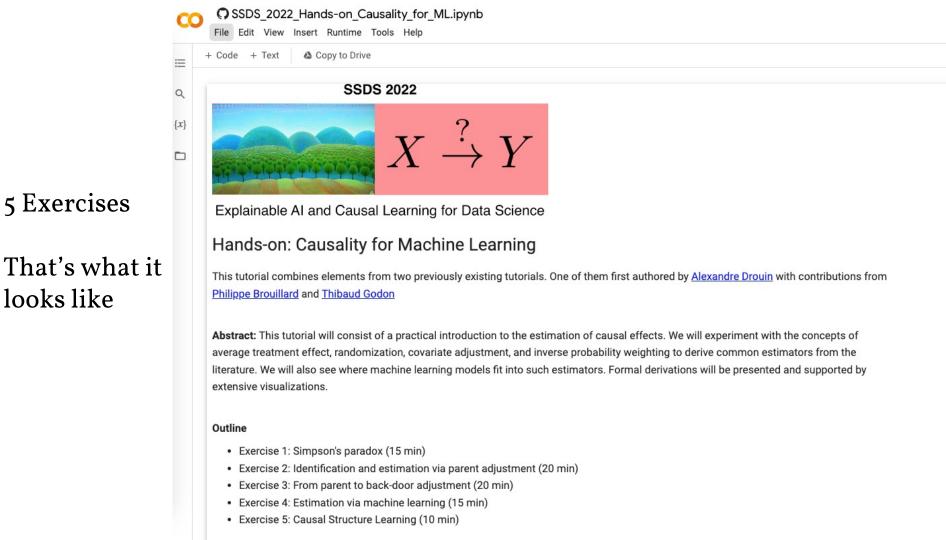
■ Now: Hands-on session: Causality for Machine Learning, where you get to experience some code for using causal ML first hand

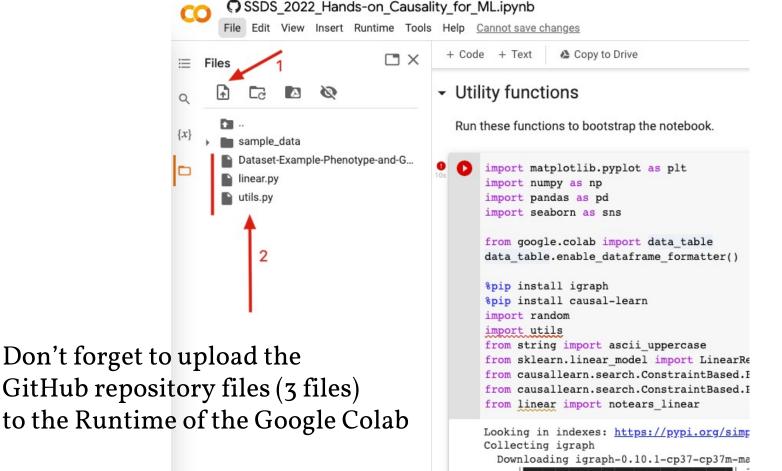
1:30 pm – 3 pm











Installing collected packages: texttable, Successfully installed igraph-0.10.1 text

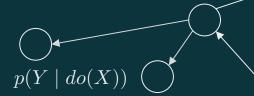
GitHub repository files (3 files) to the Runtime of the Google Colab Collecting texttable>=1.6.2 Downloading texttable-1.6.4-py2.py3-non

Hands-on Algorithm

- 1. You setup the Collab
- 2. We go over to the next exercise task, if none, then go to Step 5
- 3. Then you start exploring yourself, "learning by doing"
- 4. Finally, we look at the solution together and go back to Step 2
- 5. We are done and have learned a lot, yeah!



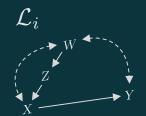




Let's Code!

See you in Google Colab.

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Further, my gratitude and thanks go out to Kristian Kersting, Devendra Dhami, all our collaborators, the AIML lab @ TU Darmstadt and finally the organizers of SSDS 2022

