Applied Data Science Project

L22 - Project proposals

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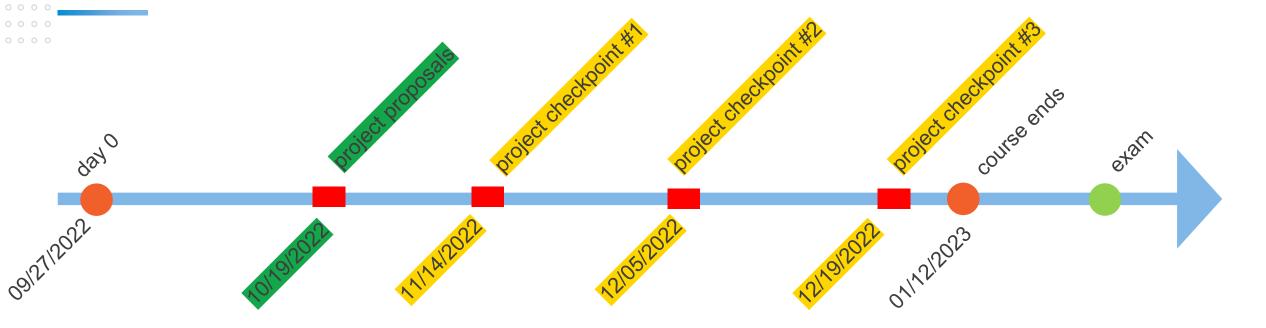# Course timeline

day 0 — 09/27/2022

project proposals — 10/19/2022

project checkpoint #1 — 11/14/2022

project checkpoint #2 — 12/05/2022

project checkpoint #3 — 12/19/2022

course ends — 01/12/2023

exam

learn how to conduct an applied data science project ("passive" participation)

work on your project ("active" participation)

Project proposals

Project proposals are accessible from your personal dashboard via «didattica.polito.it», selecting Applied Data Science Project, in the folder «Project proposals»

Deadline 23/10/2022

https://docs.google.com/spreadsheets/d/1b9ihoh6Tctj62zolx55Q8r_2N2HXE4-QP3rpVWe3lBE/edit#gid=0

- Make your group
- Map the group with the project

Better not to clash with projects that have been selected by a group. We will resolve the overlaps the 24th

24/10

We will revise together the assignments during the lecture of the 24th at 11:30

Since the 24th October onwards, all scheduled lectures become sessions where to work on your project

In total there are 90 hours of work that you are expected to do while you are here in Politecnico di Torino

We then expect that you work 180 hours *circa* at home for this project

Save the dates: WHEN - WHERE - TAs

Aula ACSLab	20/10/2022	13:00:00	16:00:00		Canceled
Aula 5N	24/10/2022	11:30:00	13:00:00	Giuseppe	
Aula ACSLab	24/10/2022	16:00:00	19:00:00	Edoardo	
Aula ACSLab	25/10/2022	11:30:00	13:00:00	Alessandro	
Aula 5M	26/10/2022	13:00:00	14:30:00	Edoardo	
Aula ACSLab	27/10/2022	13:00:00	16:00:00	Alessandro	
Aula 5M	2/11/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	3/11/2022	13:00:00	16:00:00	Edoardo	
Aula 5N	7/11/2022	11:30:00	13:00:00	Edoardo	
Aula ACSLab	7/11/2022	16:00:00	19:00:00	Alessandro	
Aula ACSLab	8/11/2022	11:30:00	13:00:00	Edoardo	
Aula 5M	9/11/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	10/11/2022	13:00:00	16:00:00	Alessandro	
Aula 5N	14/11/2022	11:30:00	13:00:00	Bartolomeo	
Aula ACSLab	14/11/2022	16:00:00	19:00:00	Giuseppe	

Aula ACSLab	15/11/2022	11:30:00	13:00:00	Edoardo	
Aula 5M	16/11/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	17/11/2022	13:00:00	16:00:00	Alessandro	
Aula 5N	21/11/2022	11:30:00	13:00:00	Edoardo	
Aula ACSLab	21/11/2022	16:00:00	19:00:00	Alessandro	
Aula ACSLab	22/11/2022	11:30:00	13:00:00	Giuseppe	
Aula 5M	23/11/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	24/11/2022	13:00:00	16:00:00	Alessandro	
Aula 5N	28/11/2022	11:30:00	13:00:00	Edoardo	
Aula ACSLab	28/11/2022	16:00:00	19:00:00	Alessandro	
Aula ACSLab	29/11/2022	11:30:00	13:00:00		Canceled
Aula 5M	30/11/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	1/12/2022	13:00:00	16:00:00	Alessandro	
Aula 5N	5/12/2022	11:30:00	13:00:00	Edoardo	
Aula ACSLab	5/12/2022	16:00:00	19:00:00	Giuseppe	
Aula ACSLab	6/12/2022	11:30:00	13:00:00	Alessandro	
Aula 5M	7/12/2022	13:00:00	14:30:00		Canceled
Aula 5N	12/12/2022	11:30:00	13:00:00	Bartolomeo	
Aula ACSLab	12/12/2022	16:00:00	19:00:00	Alessandro	
Aula ACSLab	13/12/2022	11:30:00	13:00:00	Edoardo	
Aula 5M	14/12/2022	13:00:00	14:30:00	Bartolomeo	
Aula ACSLab	15/12/2022	13:00:00	16:00:00	Bartolomeo	
Aula 5N	19/12/2022	11:30:00	13:00:00	Alessandro	
Aula ACSLab	19/12/2022	16:00:00	19:00:00	Giuseppe	
Aula ACSLab	20/12/2022	11:30:00	13:00:00	Giuseppe	
Aula 5M	21/12/2022	13:00:00	14:30:00	Edoardo	
Aula 5N	9/1/2023	11:30:00	13:00:00	Edoardo	
Aula ACSLab	9/1/2023	16:00:00	19:00:00	Alessandro	
Aula ACSLab	10/1/2023	11:30:00	13:00:00	Edoardo	
Aula 5M	11/1/2023	13:00:00	14:30:00	Alessandro	
Aula ACSLab	12/1/2023	13:00:00	16:00:00	Giuseppe	

checkpoints

Duties for the checkpoints

Checkpoints are **mandatory**

We expect that you are present (preferably onsite, we do accept online)

During a checkpoint, each team will go on stage and present the status update of the work

Recall, also a status update presentation is supposed to give an overview of a scientific work, thus it has to have a scientific style

Checkpoint #1 Outline Template

- Objective(s)
- Service design
- Functional diagram
- Gantt

Checkpoint #2 Outline Template

- Objective(s)
- Research question(s)
- Data processing
- Foundation models
- Tuning and adaptation

Checkpoint #3 Outline Template

- Objective(s)
- Research question(s)
- Method
- Experiments
- Conclusions

Notebook

Paper

Presentation

Notebook

If Colaboratory is a constraint for the development of your project, then you are free to pick an alternative. Recall to motivate the choice

The expected submission is a notebook or a python project

Paper

Utilize the template https://www.overleaf.com/latex/templates/association-for-computing-machinery-acm-sig-proceedings-template/bmvfhcdnxfty

Presentation

You can decide to use any app for preparing your presentation

Recall, the expected submission is an editable version (for instance a Google Slides or PPTX) and a PDF

Thank you for your attention.

Questions?

CONTACTS

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