

Online, Python and tools introduction					
	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024	22 Nov 2024
09:00	Welcome, project brief	Input and output, console, filesystem operations, csv, pickles	Data analysis and manipulation libraries (panda and numpy)	Data visualization	Supporting tools and platforms: Codium, Stackoverflow
10:00	Introduction to Python, tools				
11:00					
12:00					
13:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00	Workshop in Python tools.	Workshops in filesystem operations, csv, pickles.	Workshop in panda and numpy.	Data visualization	Workshop in Codium, Stackoverflow
15:00					

Online, data literacy tools				
25 Nov 2024	26 Nov 2024	27 Nov 2024	28 Nov 2024	29 Nov 2024
Introduction to machine learning, training, testing, validating, quality control	Machine learning: decision tree, linear regression, naive Bayes	Tabular data processing, classification, regression,	Neural Networks, Convolutional Neural Networks, image data processing	Using Machine Learning algorithm in Google Colab, training, testing
Lunch	Lunch	Lunch	Lunch	Lunch
Workshop in machine learning	Workshop in machine learning	Workshops in tabular data processing	Neural Networks, Convolutional Neural Networks, image data	Workshop in Machine Learning

In-person, project					
	2 Dec 2024	3 Dec 2024	4 Dec 2024	5 Dec 2024	6 Dec 2024
09:00	Welcome	Expedition to Mars: excursion to WUTs martian testing field	Synthesizing, HMW, Ideation	Testing #1	Prototyping & pitch preparation
10:00	Teamwork			Reflection	
11:00				Prototyping #2	
12:00					
13:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00	Project brief	Redefinition	Prototyping #1	Testing & reflection #2	Elevator pitch
15:00					Q&A session
16:00	Redefinition	Desk research			
17:00					

Online, reporting				
9 Dec 2024	10 Dec 2024	11 Dec 2024	12 Dec 2024	13 Dec 2024
Self managed team work + reporting + consultations with tutors				Final presentations

Social event

Project deadline