

### 3. Implementation

Gantt chart:(M=Milestone,D=Deliverable,R=Project Reporting,T=Task)

YEAR						2021				2022				2023			
MONTH						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
MILESTONE													M1		M2		M3
WP	WP Name	PROGRESS	START	END													
<b>WP1</b>	<b>Data knowledge discovery (DKD)</b>																
T1.1	Evolutionary semantic algorithms	17%	1/1/21	31/06/22							D1.1						
T1.2	Multilayer network metrics	34%	1/1/21	31/06/22							D1.2						
T1.3	Automation DKD	51%	1/4/22	1/8/22							D1.3						
T1.4	Reproducibility DKD	68%	1/8/22	1/13/22							D1.4						
T1.5	Visualization DKD	85%	1/2/21	1/4/21							D1.5						
T1.6	Data knowledge discovery EX	100%									D1.6						
<b>WP2</b>	<b>Causal knowledge discovery (CKD)</b>																
T2.1	Eco-Evolutionary AI Algorithms	17%	1/3/21	1/7/21									D2.1				
T2.2	Eco-Evolutionary Deep Learning	34%	1/5/21	1/10/21									D2.2				
T2.3	Automation CKD	51%	1/10/21	1/13/21									D2.3				
T2.4	Reproducibility CKD	68%											D2.4				
T2.5	Visualization CKD	85%	1/10/21	1/12/21									D2.5				
T2.6	Causal knowledge discovery EX	100%	1/10/21	1/13/21									D2.6				
<b>WP3</b>	<b>Discovery in federated networks (DFN)</b>																
T3.1	Sharing federated networks	17%	1/16/21	1/21/21										D3.1			
T3.2	Evolutionary neural networks	34%	1/22/21	1/26/21												D3.2	
T3.3	Automation DFN	51%	1/27/21	2/1/21												D3.3	
T3.4	Reproducibility DFN	68%	2/2/21	2/6/21												D3.4	
T3.5	Visualization DFN	85%	1/27/21	1/31/21												D3.5	
T3.6	Discovery in federated networks EX	100%														D3.6	
<b>WP4</b>	<b>Dissemination</b>																
T4.1	Dissemination activities	17%	date	date					D4.1				D4.2				D4.5
T4.2	Analysis Exploitable	34%	date	date													
T4.3	Business plan	51%	date	date													D4.6
T4.4	Hackaton Robhoot 1.0	68%	date	date									D4.3				
T4.5	Data management	85%	date	date									D4.4				
T4.6	Exploration of the Seas outreach	100%															D4.7
<b>WP5</b>	<b>Management</b>																
T5.1	Project initiation	50%	date	date													
T5.2	Other management task (R = Reporting)	100%	date	date					R				R				R

**Table 3.1b: Work package description** Please note that the basic technical considerations for the setups are described in side boxes...

Work package number	1	Lead beneficiary			EBD-CSIC	
Work package title	Data knowledge discovery					
Participant number	1	2	3	4	5	
Short name of participant	EBD-CSIC	IFISC-CSIC	ICREA	SDSC	SME	
Person month per participant	9	6	3	3	3	
Start month	1					
End month	24					