



SBPO 2025 Challenge

Sprint phase results

April 15, 2025

We would like to warmly thank all the teams for their participation in this challenge. Remember, even if you did not participate in this phase, you are still welcome to join us in the upcoming phases of the competition!

1 Best Solutions Per Instance

The following table shows the best objective value achieved for each problem instance and the teams that obtained this best result. When multiple teams achieved the same best value (within a tolerance of 10^{-4}), all are listed:

Instance	Best Objective Value	Teams
instance_0001	15.00	André && Pedro ArChrilles Heel Bonsai EYF_ML_challenge Java Jedi Lagostas Codificadoras lighTeam Mach-ITAM- Mercado Proprietário Monkeys NEAAD-UNIFEI Optimal Minds PathFinders Raiz de DOS

		SU4NE
		Time GD
instance_0002	2.00	André && Pedro ArChrilles Heel Bonsai EYF_ML_challenge ISA-UFSC Java Jedi Lagostas Codificadoras lighTeam Mach-ITAM- Mercado Proprietário Monkeys NEAAD-UNIFEI Optimal Minds PathFinders Raiz de DOS SU4NE Time GD
instance_0003	12.00	André && Pedro Bonsai EYF_ML_challenge Java Jedi Monkeys NEAAD-UNIFEI Raiz de DOS
instance_0004	3.50	André && Pedro ArChrilles Heel Bonsai EYF_ML_challenge Java Jedi lighTeam Mach-ITAM-

		Mercado Proprietário
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		SU4NE
		Time GD
instance_0005	177.88	André && Pedro
		ArChrilles Heel
		Bonsai
		lighTeam
		Monkeys
		Optimal Minds
		Time GD
instance_0006	691.00	André && Pedro
		ArChrilles Heel
		Bonsai
		Lagostas Codificadoras
		lighTeam
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
instance_0007	392.25	André && Pedro
		ArChrilles Heel
		Bonsai
		lighTeam
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD

instance_0008	162.94	André && Pedro Bonsai Monkeys Time GD
instance_0009	4.42	André && Pedro ArChrilles Heel Bonsai EYF_ML_challenge Java Jedi lighTeam Mach-ITAM- Monkeys Optimal Minds Raiz de DOS
instance_0010	16.79	André && Pedro
instance_0011	16.85	André && Pedro ArChrilles Heel Optimal Minds
instance_0012	11.25	André && Pedro ArChrilles Heel Bonsai EYF_ML_challenge Java Jedi lighTeam Mach-ITAM- Monkeys Optimal Minds PathFinders Raiz de DOS Time GD
instance_0013	117.38	André && Pedro ArChrilles Heel Bonsai

			lighTeam
			Monkeys
			Optimal Minds
			Raiz de DOS
			Time GD
instance_0014	181.64	André && Pedro	
		ArChrilles Heel	
		Bonsai	
		lighTeam	
		Monkeys	
		Optimal Minds	
		Raiz de DOS	
		Time GD	
instance_0015	149.33	André && Pedro	
		ArChrilles Heel	
		Bonsai	
		lighTeam	
		Monkeys	
		Optimal Minds	
		PathFinders	
		Raiz de DOS	
		Time GD	
instance_0016	85.00	André && Pedro	
		ArChrilles Heel	
		Bonsai	
		EYF_ML_challenge	
		Lagostas Codificadoras	
		lighTeam	
		Mercado Proprietário	
		Monkeys	
		NEAAD-UNIFEI	
		Optimal Minds	
		PathFinders	

		Raiz de DOS
		Time GD
instance_0017	36.50	André && Pedro
		ArChrilles Heel
		Bonsai
		EYF_ML_challenge
		Lagostas Codificadoras
		lighTeam
		Mach-ITAM-
		Mercado Proprietário
		Monkeys
		NEAAD-UNIFEI
		PathFinders
		Raiz de DOS
		Time GD
instance_0018	117.20	André && Pedro
		ArChrilles Heel
		Bonsai
		EYF_ML_challenge
		Lagostas Codificadoras
		lighTeam
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		Time GD
instance_0019	202.00	André && Pedro
		ArChrilles Heel
		Bonsai
		EYF_ML_challenge
		Lagostas Codificadoras
		lighTeam

		Mach-ITAM-	
		Monkeys	
		NEAAD-UNIFEI	
		PathFinders	
		Raiz de DOS	
		Time GD	
	instance_0020	5.00	André && Pedro
			ArChrilles Heel
			Bonsai
			EYF_ML_challenge
		Java Jedi	
		Lagostas Codificadoras	
		lighTeam	
		Mach-ITAM-	
		Monkeys	
		NEAAD-UNIFEI	
		Optimal Minds	
		PathFinders	
		Raiz de DOS	
		SU4NE	
		Time GD	

2 Team Rankings

The table below presents the overall rankings of all participating teams. Teams are ranked by their total score, calculated based on their performance across all problem instances (see Section 2.4 of the Challenge Rules for a detailed description):

Rank	Team	Score
1	André && Pedro	1000.00
2	Monkeys	996.00
3	Bonsai	987.00
4	ArChrilles Heel	978.00
5	lighTeam	970.00

6	Time GD	967.00
7	Raiz de DOS	966.00
8	Optimal Minds	951.00
9	PathFinders	915.00
10	Mach-ITAM-	906.00
11	EYF_ML_challenge	903.00
12	Lagostas Codificadoras	875.00
13	NEAAD-UNIFEI	840.00
14	Java Jedi	816.00
15	SU4NE	799.00
16	Mercado Proprietário	740.00
17	ISA-UFSC	257.00
18	1105	0.00
18	André Tavares	0.00
18	Convex Crew	0.00
18	DaVinci	0.00
18	FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE	0.00
18	FullStackAlchemists	0.00
18	Marcos Novaes	0.00
18	Marcos UFF	0.00
18	ML não é Machine Learning	0.00
18	MRKN	0.00
18	QuantCE	0.00
18	tem coffee break?	0.00
18	Trinomio De Oro	0.00
19	2shards	-20.00
19	AdaLoveLadies	-20.00
19	Albatroz	-20.00
19	Antes Uma Solução Factível na Mão do que Duas Não Factíveis Voando	-20.00
19	AntonioDeBotas	-20.00
19	CEFET-RJ-PO	-20.00

19	Frete Hamiltoniano	-20.00
19	Fungo Computacional	-20.00
19	Gap 300%	-20.00
19	GMP Soluções	-20.00
19	GOS - UFSC	-20.00
19	Internal Points	-20.00
19	OptiPickers	-20.00
19	produtores	-20.00
19	REPUBLICA TAVERNA	-20.00
19	Tânia Cristina Valasky	-20.00
19	team-UFSC	-20.00
19	Time #ffe600	-20.00
19	Vida Cigana	-20.00
19	Wilmer Urango	-20.00