



SBPO 2025 Challenge

Sprint phase results

April 16, 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 DaVinci 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 André Tavares ArChrilles Heel Bonsai DaVinci EYF_ML_challenge ISA-UFSC Java Jedi Lagostas Codificadoras lighTeam Mach-ITAM- Mercado Proprietário Monkeys NEAAD-UNIFEI Optimal Minds PathFinders Raiz de DOS SU4NE team-UFSC Time GD
instance_0003	12.00	André && Pedro André Tavares Bonsai DaVinci EYF_ML_challenge Gap 300% Java Jedi Monkeys NEAAD-UNIFEI Raiz de DOS

team-UFSC		
instance_0004	3.50	André && Pedro ArChrilles Heel Bonsai DaVinci 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 André Tavares ArChrilles Heel Bonsai DaVinci EYF_ML_challenge FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE Gap 300% Java Jedi lighTeam Mach-ITAM- Monkeys Optimal Minds Raiz de DOS team-UFSC
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
		DaVinci
		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
			André Tavares
			ArChrilles Heel
			Bonsai
			DaVinci
			EYF_ML_challenge
			Gap 300%
			Lagostas Codificadoras
			lighTeam
			Mercado Proprietário
			Monkeys
			NEAAD-UNIFEI
			Optimal Minds
			PathFinders
			Raiz de DOS
			Time GD
instance_0017	36.50		André && Pedro
			André Tavares
			ArChrilles Heel
			Bonsai
			DaVinci
			EYF_ML_challenge
			Gap 300%
			Lagostas Codificadoras
			lighTeam
			Mach-ITAM-
			Mercado Proprietário
			Monkeys

		NEAAD-UNIFEI
		PathFinders
		Raiz de DOS
		Time GD
instance_0018	117.20	André && Pedro
		André Tavares
		ArChrilles Heel
		Bonsai
		EYF_ML_challenge
		Gap 300%
		Lagostas Codificadoras
		lighTeam
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		Time GD
instance_0019	202.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		EYF_ML_challenge
		Gap 300%
		Lagostas Codificadoras
		lighTeam
		Mach-ITAM-
		Monkeys
		NEAAD-UNIFEI
		PathFinders
		Raiz de DOS
		Time GD
instance_0020	5.00	André && Pedro

André Tavares
ArChrilles Heel
Bonsai
DaVinci
EYF_ML_challenge
Gap 300%
Java Jedi
Lagostas Codificadoras
lighTeam
Mach-ITAM-
Monkeys
NEAAD-UNIFEI
Optimal Minds
PathFinders
Raiz de DOS
SU4NE
team-UFSC
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	971.00
5	Raiz de DOS	965.00
6	lighTeam	962.00
7	Time GD	957.00
8	Optimal Minds	938.00

9	PathFinders	906.00
10	EYF_ML_challenge	902.00
11	Mach-ITAM-	894.00
12	Lagostas Codificadoras	863.00
13	DaVinci	834.00
14	NEAAD-UNIFEI	822.00
15	Java Jedi	790.00
16	SU4NE	767.00
17	Mercado Proprietário	724.00
18	André Tavares	424.00
19	Gap 300%	381.00
20	team-UFSC	363.00
21	ISA-UFSC	237.00
22	FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE	50.00
23	Vida Cigana	44.00
24	1105	0.00
24	Convex Crew	0.00
24	FullStackAlchemists	0.00
24	Marcos Novaes	0.00
24	Marcos UFF	0.00
24	ML não é Machine Learning	0.00
24	MRKN	0.00
24	QuantCE	0.00
24	tem coffee break?	0.00
24	Trinomio De Oro	0.00
25	2shards	-20.00
25	AdaLoveLadies	-20.00
25	Albatroz	-20.00
25	Antes Uma Solução Factível na Mão do que Duas Não Factíveis Voando	-20.00
25	AntonioDeBotas	-20.00
25	CEFET-RJ-PO	-20.00

25	Frete Hamiltoniano	-20.00
25	Fungo Computacional	-20.00
25	GMP Soluções	-20.00
25	GOS - UFSC	-20.00
25	Internali Points	-20.00
25	OptiPickers	-20.00
25	produtores	-20.00
25	REPUBLICA TAVERNA	-20.00
25	Tânia Cristina Valasky	-20.00
25	Time #ffe600	-20.00
25	Wilmer Urango	-20.00