Predictive Model for Teenagers' Skills

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Metrics

6 Distinctive Variables

- "validity"
- "clip1_validity"
- "Clip2_validity"
- "clip3_validity"
- "Answer_validity"
- Final Skill Stars

Weights for validity

+1: validity passed (return True)

-1: validity failed (return False)

n [8]: ut[8]:	finalGlobal									
		player_id	Refuse	Priority	People	Knowledge	Know Star	Priority Star	People Star	Refusal Star
	0	6427001.0	150.0	1520.0	798.0	176.0	30.0	30.0	29.0	26.0
	1	6427002.0	0.0	160.0	132.0	17.0	3.0	3.0	3.0	0.0
	2	6427004.0	102.0	1570.0	1077.0	250.0	29.0	29.0	29.0	28.0
	3	6427005.0	0.0	165.0	98.0	0.0	0.0	0.0	3.0	0.0
	4	6427006.0	106.0	1510.0	770.0	161.0	29.0	30.0	27.0	30.0
		555.0	555	377	V****	3370	2000		500	
	161	6626006.0	9.0	475.0	25.0	28.0	6.0	6.0	6.0	7.0
	162	6626007.0	52.0	465.0	297.0	29.0	15.0	13.0	15.0	18.0
	163	7540835.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	164	65670031.0	100.0	1505.0	472.0	89.0	26.0	30.0	27.0	30.0
	165	65670032.0	56.0	760.0	357.0	69.0	12.0	15.0	17.0	21.0

166 rows × 9 columns

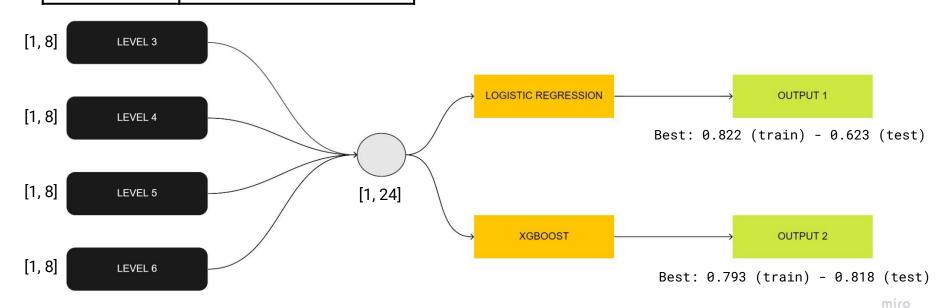
Metrics: Combined Scores = Final_Skills_Stars * α + Progress_Scores

Data Investigation



8 Input Variables						
player_point_loss	opponent_point_loss					
intention_id	influence_id					
influence_id1	influence_id2					
influence_id3	chosen_opponent_attack_type_id					

Refusal Predictive Model



Importance Variables

