CUP_POINTS game_point_id game_player_id varchar → varchar →	LIG_POINTS game_point_id varchar game_player_id varchar >	CUP_TEAMS —+ season_team_id ₽ — games_played	varchar + se	IG_TEAMS eason_team_id	varchar -
game_play_id varchar ≽ game_id varchar ≽ game varchar	— game_play_id varchar ⇒ game_id varchar ⇒ game	minutes_played —— points two_points_made	int po	ninutes_played oints wo_points_made	
round_of_game int phase varchar season_player_id varchar ≽—	round_of_game int phase varchar season_player_id varchar	two_points_attempted three_points_made three_points_attempted	int tw		
season_team_id varchar → player varchar	season_team_id varchar > player varchar	free_throws_made free_throws_attempted		ree_throws_made ree_throws_attempted	
action_id varchar action_of_play varchar points int	action_id varchar action_of_play varchar points int	offensive_rebounds defensive_rebounds total_rebounds	int de	ffensive_rebounds efensive_rebounds otal_rebounds	
coord_x int coord_y int zone_of_play char	coord_x int coord_y int zone_of_play char	assists steals turnovers		ssists reals urnovers	
minute int points_a int points_b int	minute int points_a int points_b int	blocks_favour blocks_against fouls_committed	int bl	locks_favour locks_against ouls_committed	
time_stamp datetime	time_stamp datetime	fouls_received valuation	int fo	ouls_received aluation	
CUP_COMPARISON game_id varchar game varchar	LIG_COMPARISON game_id varchar > game varchar	minutes_per_game points_per_game two_points_made_per_game	float po	iinutes_per_game oints_per_game wo_points_made_per_game	
round_of_game int phase varchar season_team_id_a varchar	round_of_game int phase varchar season_team_id_a varchar >	two_points_attempted_per_game two_points_percentage three_points_made_per_game	float tw	vo_points_attempted_per_game vo_points_percentage nree_points_made_per_game	
season_team_id_b varchar ;- fast_break_points_a int	season_team_id_b varchar >	three_points_attempted_per_game three_points_percentage free_throws_made_per_game	float th	nree_points_attempted_per_game nree_points_percentage ree_throws_made_per_game	
fast_break_points_b int turnover_points_a int turnover_points_b int	fast_break_points_b int turnover_points_a int turnover_points_b int	free_throws_attempted_per_game free_throws_percentage offensive_rebounds_per_game		ee_throws_attempted_per_game ee_throws_percentage ffensive_rebounds_per_game	
second_chance_points_b int second_chance_points_b int defensive_rebounds_a int	second_chance_points_a int second_chance_points_b int defensive_rebounds_a int	defensive_rebounds_per_game total_rebounds_per_game	float de	efensive_rebounds_per_game otal_rebounds_per_game	
offensive_rebounds_b int offensive_rebounds_a int defensive_rebounds_b int	offensive_rebounds_b int offensive_rebounds_a int defensive_rebounds_b int	assists_per_game steals_per_game turnovers_per_game		ssists_per_game teals_per_game urnovers_per_game	
turnovers_starters_a int turnovers_bench_a int turnovers_starters_b int	turnovers_starters_a int turnovers_bench_a int turnovers_starters_b int	blocks_favour_per_game blocks_against_per_game fouls_committed_per_game	float bl	locks_favour_per_game locks_against_per_game ouls_committed_per_game	
turnovers_bench_b int steals_starters_a int	turnovers_bench_b int steals_starters_a int	fouls_received_per_game valuation_per_game		ouls_received_per_game aluation_per_game	
steals_bench_a int steals_starters_b int steals_bench_b int	steals_starters_b int steals_bench_b int	CUP_HEADER → game_id Ø varchar →	gz	IG_HEADER ame_id	
assists_starters_a int assists_bench_a int assists_starters_b int	assists_starters_a int assists_bench_a int assists_starters_b int	game varchar date_of_game date time_of_game time	da	ame varchar ate_of_game date me_of_game time	
assists_bench_b int points_starters_a int points_bench_a int	assists_bench_b int points_starters_a int points_bench_a int	round_of_game int phase varchar season_team_id_a varchar >	pł	ound_of_game int hase varchar eason_team_id_a varchar ≽—	
points_starters_b int points_bench_b int max_lead_a int	points_starters_b int points_bench_b int max_lead_a int	season_team_id_b varchar >- score_a int score_b int		eason_team_id_b varchar > core_a int core_b int	
max_lead_b int minute_max_lead_a int minute_max_lead_b int	max_lead_b int minute_max_lead_a int minute_max_lead_b int	team_a varchar team_b varchar coach_a varchar	te	eam_a varchar eam_b varchar oach_a varchar	
points_max_lead_a varchar points_max_lead_b varchar CUP_PLAY_BY_PLAY	points_max_lead_a varchar points_max_lead_b varchar	coach_b varchar game_time time referee_1 varchar	gē	oach_b varchar ame_time time eferee_1 varchar	
game_play_id ∂ varchar → game_player_id varchar → game_point_id varchar →		referee_1 varchar referee_2 varchar referee_3 varchar	re	eferee_2 varchar eferee_3 varchar	
game_id varchar ≽—		stadium varchar capacity int fouls_a int		addium varchar apacity int ouls_a int	
phase varchar season_player_id varchar →——		fouls_b int timeouts_a int timeouts_b int	tir	ouls_b int meouts_a int meouts_b int	
season_team_id varchar quarter varchar play_type varchar		score_quarter_1_a int score_quarter_2_a int score_quarter_3_a int		core_quarter_1_a int core_quarter_2_a int core_quarter_3_a int	
player varchar team varchar dorsal int		score_quarter_4_a int score_quarter_1_b int score_quarter_2_b int		core_quarter_4_a int core_quarter_1_b int core_quarter_2_b int	
minute int points_a int points_b int		score_quarter_3_b int score_quarter_4_b int		core_quarter_3_b int	
play_info varchar		score_extra_time_1_a int score_extra_time_2_a int score_extra_time_3_a int		core_extra_time_1_a int core_extra_time_2_a int core_extra_time_3_a int	
		score_extra_time_4_a int score_extra_time_1_b int score_extra_time_2_b int		core_extra_time_1_b int core_extra_time_1_b int core_extra_time_2_b int	
		score_extra_time_3_b int score_extra_time_4_b int winner char		core_extra_time_3_b int core_extra_time_4_b int inner char	
LIG_PLAY_BY_PLAY	CUP_BOX_SCORE	LIG_BOX_SCORE	C	UP_PLAYERS	
game_play_id ⊘ varchar → game_player_id varchar → game_point_id varchar →	game_player_id <i>Ø</i> game_id game	varchar game_player_id ∂ varchar game_id varchar game	varchar > < se	eason_player_id	
game_id varchar > game varchar round_of_game int	round_of_game phase season_player_id	int round_of_game varchar phase varchar season_player_id	varchar ga	ames_played ames_started sinutes_played	
phase varchar season_player_id varchar > season_team_id varchar >	season_team_id is_starter is_playing	varchar season_team_id boolean is_starter boolean is_playing	boolean tw	oints vo_points_made vo_points_attempted	
quarter varchar play_type varchar player varchar	dorsal player	int dorsal varchar player	varchar th	nree_points_made nree_points_attempted ee_throws_made	
player varchar team varchar dorsal int	points two_points_made two_points_attempted	int points int two_points_made int two_points_attempted int three_points_made	int fro	ee_throws_made ee_throws_attempted ffensive_rebounds	
minute int points_a int points_b int	three_points_made three_points_attempted free_throws_made	int three_points_made int three_points_attempted int free_throws_made	int to	efensive_rebounds otal_rebounds ssists	
play_info varchar	free_throws_attempted offensive_rebounds defensive_rebounds	int free_throws_attempted int offensive_rebounds int defensive_rebounds	int tu	eals urnovers locks_favour	
season_player_id <i>D</i> season_team_id	varchar total_rebounds assists varchar steals	int total_rebounds int assists int steals	int fo	locks_against ouls_committed ouls_received	
player games_played games_started	varchar turnovers int blocks_favour int blocks_against	int turnovers int blocks_favour int blocks_against	int va	aluation iinutes_per_game oints_per_game	
minutes_played points two_points_made	float fouls_committed int fouls_received int valuation	int fouls_committed int fouls_received int valuation	int tw	vo_points_made_per_game vo_points_attempted_per_game vo_points_percentage	
two_points_attempted three_points_made three_points_attempted	valuation int int		th	nree_points_made_per_game nree_points_attempted_per_game	
free_throws_made free_throws_attempted offensive_rebounds			fre fre	rree_points_percentage ee_throws_made_per_game ee_throws_attempted_per_game	
defensive_rebounds total_rebounds			of	ee_throws_percentage ffensive_rebounds_per_game efensive_rebounds_per_game	
assists steals turnovers			as	otal_rebounds_per_game ssists_per_game eals_per_game	
blocks_favour blocks_against fouls_committed			tu	urnovers_per_game locks_favour_per_game locks_against_per_game	
fouls_received valuation minutes_per_game			fo fo	ous_ogams_pc_game ous_received_per_game aluation_per_game	
points_per_game two_points_made_per_game two_points_attempted_per_game			Và		
two_points_percentage three_points_made_per_game three_points_attempted_per_game					
three_points_percentage free_throws_made_per_game free_throws_attempted_per_game					
free_throws_percentage offensive_rebounds_per_game					
defensive_rebounds_per_game total_rebounds_per_game assists_per_game					
steals_per_game					
turnovers_per_game blocks_favour_per_game					

CUP_POINTS		LIG_POINTS	5115	TEAMS			LIG_TEAMS		
game_point_id & game_player_id game_play_id	varchar *	game_point_id ② va game_player_id va	archar # game	TEAMS on_team_id es_played ites_played		har 1 1	season_team_id & games_played minutes_played		int
game_id game round_of_game	varchar varchar	game_id va	point point two_				points two_points_made two_points_attempted		
phase season_player_id season_team_id	varchar * varchar *	season_player_id va	archar * three	e_points_made e_points_attempted throws_made			three_points_made three_points_attempted free_throws_made		
player action_id action_of_play	varchar varchar varchar	action_id va	archar offer	throws_attempted nsive_rebounds nsive_rebounds			free_throws_attempted offensive_rebounds defensive_rebounds		
points coord_x coord_y	int int int	points coord_x coord_y	int total assis				total_rebounds assists steals		
zone_of_play minute points_a	char int int	zone_of_play minute points_a	int block	overs ss_favour ss_against			turnovers blocks_favour blocks_against		
points_b time_stamp	int	points_b	int fouls	_committed _received			fouls_committed fouls_received valuation		
CUP_COMPARISON game_id	varchar	LIG_COMPARISON — game_id	minu point	ites_per_game ts_per_game points_made_per_ga			minutes_per_game points_per_game two_points_made_per_gan		
game round_of_game phase	varchar int varchar	game round_of_game phase	int two_varchar	points_attempted_p points_percentage e_points_made_per_;	er_game fl		two_points_attempted_per two_points_percentage three_points_made_per_ga	r_game	
season_team_id_b fast_break_points_a	varchar varchar int	season_team_id_aseason_team_id_bfast_break_points_a	varchar three	e_points_attempted_ e_points_percentage throws_made_per_g	per_game fl		three_points_attempted_p three_points_percentage free_throws_made_per_ga	er_game	
fast_break_points_b turnover_points_a turnover_points_b	int int int	fast_break_points_b turnover_points_a turnover_points_b	int free_ int free_ int	throws_attempted_r throws_percentage nsive_rebounds_per_	per_game fl		free_throws_attempted_pe free_throws_percentage offensive_rebounds_per_g	er_game	
second_chance_points_ second_chance_points_ defensive_rebounds_a		second_chance_points_a second_chance_points_b defensive_rebounds_a	int total	nsive_rebounds_per _rebounds_per_gam ts_per_game			defensive_rebounds_per_g total_rebounds_per_game assists_per_game		
offensive_rebounds_b offensive_rebounds_a defensive_rebounds_b	int int int	offensive_rebounds_b offensive_rebounds_a defensive_rebounds_b	int steal int turno	s_per_game overs_per_game ss_favour_per_game			steals_per_game turnovers_per_game blocks_favour_per_game		
turnovers_starters_a turnovers_bench_a turnovers_starters_b	int int int	turnovers_starters_a turnovers_bench_a turnovers_starters_b	int block int fouls	cs_against_per_game _committed_per_gar _received_per_game	e fl		blocks_against_per_game fouls_committed_per_gam fouls_received_per_game	e	
turnovers_bench_b steals_starters_a steals_bench_a	int int int	turnovers_bench_b steals_starters_a steals_bench_a	int valua	ation_per_game	fl		valuation_per_game		
steals_starters_b steals_bench_b assists_starters_a	int int int	steals_starters_b steals_bench_b assists_starters_a		HEADER e_id <i>Ø</i> ≘	varchar 1	1	LIG_HEADER game_id ₽ game	varchar varchar	
assists_bench_a assists_starters_b assists_bench_b	int int int	assists_bench_a assists_starters_b assists_bench_b	int time	_of_game _of_game d_of_game			date_of_game time_of_game round_of_game		
points_starters_a points_bench_a points_starters_b	int int int	points_starters_a points_bench_a points_starters_b		e on_team_id_a on_team_id_b	varchar * varchar *	_	phase season_team_id_a season_team_id_b	varchar * varchar *	
points_bench_b max_lead_a max_lead_b	int int int	points_bench_b max_lead_a max_lead_b	int score int score int team	2_b			score_a score_b team_a		
minute_max_lead_a minute_max_lead_b points_max_lead_a	int int varchar	minute_max_lead_a minute_max_lead_b points_max_lead_a	int team int coacl varchar coacl	h_a			team_b coach_a coach_b		
noints max lead h CUP_PLAY_BY_PLAY game_play_id & game_player_id	varchar varchar 1 varchar *	points_max_lead_b	varchar game refer				game_time referee_1 referee_2		
game_point_id game_id	varchar *		refer stadi capa				referee_3 stadium capacity		
round_of_game phase			fouls fouls time				fouls_a fouls_b timeouts_a		
season_player_id season_team_id quarter	varchar * varchar		score	outs_b e_quarter_1_a e_quarter_2_a			timeouts_b score_quarter_1_a score_quarter_2_a		
play_type player team			score	e_quarter_3_a e_quarter_4_a e_quarter_1_b			score_quarter_3_a score_quarter_4_a score_quarter_1_b		
dorsal minute points_a			score	e_quarter_2_b e_quarter_3_b e_quarter_4_b			score_quarter_2_b score_quarter_3_b score_quarter_4_b		
points_b play_info			score	e_extra_time_1_a e_extra_time_2_a e_extra_time_3_a			score_extra_time_1_a score_extra_time_2_a score_extra_time_3_a		
			score	e_extra_time_4_a e_extra_time_1_b e_extra_time_2_b			score_extra_time_4_a score_extra_time_1_b score_extra_time_2_b		
				e_extra_time_3_b e_extra_time_4_b er			score_extra_time_3_b score_extra_time_4_b winner		
LIG_PLAY_BY_PLAY game_play_id &	varchar 1	CUP_BOX_SCO		LIG_BOX_SO			CUP_PLAYERS season_player_id <i>₽</i>		varchar
game_player_id game_point_id game_id	varchar *	game_id game round_of_game	varchar *	game_id game round_of_ga		har * * *	season_team_id player games_played		
game round_of_game phase		phase season_player_ season_team_ic	varchar id varchar ≯	phase * season_play season_tean	varc /er_id varc	har har	games_started minutes_played points		
season_player_id season_team_id quarter	varchar * varchar * varchar	is_starter is_playing dorsal		is_starter is_playing dorsal			two_points_made two_points_attempted three_points_made		
play_type player team		player points two_points_ma		player points two_points_			three_points_attempted free_throws_made free_throws_attempted		
dorsal minute points_a		two_points_atte three_points_m three_points_at	empted int	two_points_ three_point	attempted s_made		offensive_rebounds defensive_rebounds total_rebounds		
points_b		free_throws_att free_throws_att offensive_rebot	ade int	free_throws free_throws offensive_re	_made _attempted		assists steals turnovers		
LIG_PLAYERS season_player_id ©		defensive_rebo total_rebounds archar assists		defensive_n total_rebou assists	nds		blocks_favour blocks_against fouls_committed		
season_team_id player games_played		varchar steals varchar turnovers int blocks_favour		steals turnovers blocks_favo			fouls_received valuation minutes_per_game		
games_started minutes_played points		int blocks_against float fouls_committe int fouls_received	int d int int	blocks_agaii fouls_comm fouls_receiv	nitted		points_per_game two_points_made_per_gan two_points_attempted_per		
two_points_made two_points_attempted three_points_made		int valuation int		valuation			two_points_percentage three_points_made_per_ga three_points_attempted_p		
three_points_attempted free_throws_made free_throws_attempted							three_points_percentage free_throws_made_per_ga free_throws_attempted_pe		
offensive_rebounds defensive_rebounds total_rebounds							free_throws_percentage offensive_rebounds_per_g defensive_rebounds_per_g		
assists steals turnovers							total_rebounds_per_game assists_per_game steals_per_game		
blocks_favour blocks_against fouls_committed							turnovers_per_game blocks_favour_per_game blocks_against_per_game		
fouls_received valuation minutes_per_game							fouls_committed_per_gam fouls_received_per_game valuation_per_game		
points_per_game two_points_made_per_g two_points_attempted_									
two_points_percentage three_points_made_per three_points_attempted	_ _per_game								
three_points_percentag free_throws_made_per_ free_throws_attempted_	game _per_game								
free_throws_percentage offensive_rebounds_per defensive_rebounds_pe	_game r_game								
total_rebounds_per_gar assists_per_game steals_per_game									
turnovers_per_game blocks_favour_per_gam blocks_against_per_gam									
fouls_committed_per_game fouls_received_per_game valuation_per_game									

