

## Data Dictionary

Dependent Variables	Description
gold_earned	The amount of gold earned by a player in the game
KDA	A player's KDA ((Kills+Assists)/Deaths) in the game

Independent Variables	Description
<u>Dummy Variables</u>	
duo_queue	1 if the Player has one Roster Member on their team
team_ranked	1 if the Player has more than one Roster Member on their team
jungle	1 if the Player's role is jungle
mid	1 if the Player's role is mid
bot_carry	1 if the Player's role is bot_carry
bot_support	1 if the Player's role is bot_support
is_rm_1	1 if the player is Roster Member 1
is_rm_2	1 if the player is Roster Member 2
is_rm_3	1 if the player is Roster Member 3
is_rm_4	1 if the player is Roster Member 4
is_rm_5	1 if the player is Roster Member 5
is_rm_6	1 if the player is Roster Member 6
is_rm_7	1 if the player is Roster Member 7
is_rm_8	1 if the player is Roster Member 8
is_preseason	1 if the Game is played during the Preseason

<u>Experience Variables</u>	
one_month_sumgames	Sum of games played within the last month
one_exp_squared	$\text{one\_month\_sumgames}^2$
three_month_sumgames	Sum of games played within the last three months
three_exp_squared	$\text{three\_month\_sumgames}^2$

<u>Familiarity 1 Variables</u>	
one_month_fcount	Sum of individual roster members present (one month lag)
one_fam_squared	$\text{one\_month\_fcount}^2$
duo_fam_om	$\text{one\_month\_fcount}$ interacted with duo_queue
duo_fam_squared_om	$\text{one\_fam\_squared}$ interacted with duo_queue
team_ranked_fam_om	$\text{one\_month\_fcount}$ interacted with team_ranked
team_ranked_fam_squared_om	$\text{one\_fam\_squared}$ interacted with team_ranked

three_month_fcount	Sum of individual roster members present (three month lag)
three_fam_squared	$\text{three\_month\_fcount}^2$
duo_fam_tm	$\text{three\_month\_fcount}$ interacted with duo_queue
duo_fam_squared_tm	$\text{three\_fam\_squared}$ interacted with duo_queue
team_ranked_fam_tm	$\text{three\_month\_fcount}$ interacted with team_ranked
team_ranked_fam_squared_tm	$\text{three\_fam\_squared}$ interacted with team_ranked

<u>Familiarity 2 Variables</u>	
one_month_rm_present_games	Sum of games with a roster member present(one month lag)
one_rm_squared	$\text{one\_month\_rm\_present\_games}^2$
duo_rm_om	$\text{one\_month\_rm\_present\_games}$ interacted with duo_queue
duo_rm_squared_om	$\text{one\_rm\_squared}$ interacted with duo_queue
team_ranked_rm_om	$\text{one\_month\_rm\_present\_games}$ interacted with team_ranked

## Data Dictionary

team_ranked_rm_squared_om	one_rm_squared interacted with team_ranked
three_month_rm_present_games	Sum of games with a roster member present (three month lag)
three_rm_squared	threee_month_rm_present_games ^ 2
duo_rm_tm	three_month_rm_present_games interacted with duo_queue
duo_rm_squared_tm	three_rm_squared interacted with duo_queue
team_ranked_rm_tm	three_month_rm_present_games interacted with team_ranked
team_ranked_rm_squared_tm	three_rm_squared interacted with team_ranked