Deliverable 2: Data Wireframe

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Rev 0

Data Wireframe

Match Summary Wireframe

Match ID	Outcome	Kills	Deaths	Assists	Gold Earned
3522200774	"Win"	6	5	5	10459
3522213480	"Loss"				

Match ID	Gold Spent	Total Damage taken	Magical Damage Taken	Physical damage Taken	True Damage Taken
3522200774	7100	30742	7693	22318	730

Match ID	turretKills	Inhibitor Kills	Total Minions Killed	WardsPlaced	WardsKilled
3522200774	0	0	140	6	1

Match ID	Vision Wards bought	Sight wards bought	Xp per min delta (0-10min)	Xp per min delta (10-20min)	Creeps per min deltas (0-10min)
3522200774	0	0			0

Match ID	Creeps per min deltas (0-20min)	Cs Diff per Min Deltas (0-10min)	Xp Diff Per Min Deltas (0-10min)	Xp Diff Per Min Deltas (0-10min)	Lane
3522200774	0.7	0.0	467.0	257.5	"Top" (Possible of 5 choices)

Match ID	Magic Damage delt	Physical Damage Delt	True Damage Dealt	Total Damage dealt to champs
3522200774	49040	89877	7609	8470

Sprint Plan

Week	Purpose	Weekly Tasks and Goals
7	Gathering Data Preprocessing, Cleaning and EDA	*- Gather account ID and match IDs with more than 50 ranked games played with Nasus in current season. Make sure to organize by data by league (Iron, Bronze,…, Grandmaster and Challenger)* *- Using account ID and Match ID, wrangle summary and match data from League of Legends API* *- Deal with Null/missing/NaN/Incorrect values* *- Visualize relationships between outcome and all independent variables. Comment and discuss relationships.* *- Visualize match data history for winning games and losing games. Compare and discuss.*
8	Simple Logistic Regression Model and more EDA	*- Look for collinearity in datasets* *- Select features and fit a model* *- Modify features and iterate model* *- assess accuracy of model*
9	More Data Gathering, EDA, Advanced Models (Recommender Systems)	*- Scrape more data and fit simple model to new data* *- Fit advanced models* *- Try to build a "Build recommender system" or an "other champion recommender system"* *- Assess validity of model*

10	Advance model tweaks and report writing	*- Tweak the Advanced Models and assess validity* *- Review report, fix errors, look for more touch points, conclusions, etc.*
11	Presentation Preparation	*- Prep presentation narrative* *- Introduction (why, what, how, summary result for uninterested people)* *- Middle (Epic journey, Legendary visualizations, results and models)* *-Conclusion (Summary of findings, more questions that could be asked)*