

Table Refactoring Example

Question: how many passing yards did J.J. Raterink get in 2012?

Initial Table

Title : afl statistics ← Lack of Context About Table

year	team	passing	rushing								
	cmp	att	pct	yds	td	int	rtg	att	yds	td	
2010	chicago	65	102	63.7	767	14	2	112.66	8	9	2
2011	chicago	64	105	61.0	888	16	2	118.27	4	8	2
2011	kansas city	311	500	62.2	3,723	65	17	103.28	48	138	5
2012	iowa	413	618	66.8	4,870	93	10	121.49	37	110	8
2013	iowa	346	575	60.2	4,015	78	18	102.19	32	10	8
2014	los angeles	211	383	55.1	2,335	38	19	77.53	6	5	1
2014	iowa	101	163	62.0	1,320	22	1	118.65	37	111	9
2015	las vegas	178	325	54.8	1,986	35	9	88.57	32	19	6
career		1,689	2,771	61.0	19,904	361	78	103.65	204	410	41

Refactored Table

Title: Player Statistics for J.J. Raterink ← Improved Title for better Context

Year	Team	Passing Completions	Passing Attempts	Completion Percentage	Passing Yards	Touchdowns	Interceptions	Rating	Rushing Attempts	Rushing Yards	Rushing Touchdowns
2010	Chicago	65	102	63.7%	767	14	2	112.66	8	9	2
2011	Chicago	64	105	61.0%	888	16	2	118.27	4	8	2
2011	Kansas City	311	500	62.2%	3,723	65	17	103.28	48	138	5
2012	Iowa	413	618	66.8%	4,870	93	10	121.49	37	110	8
2013	Iowa	346	575	60.2%	4,015	78	18	102.19	32	10	8
2014	Los Angeles	211	383	55.1%	2,335	38	19	77.53	6	5	1
2014	Iowa	101	163	62.0%	1,320	22	1	118.65	37	111	9
2015	Las Vegas	178	325	54.8%	1,986	35	9	88.57	32	19	6
Career		1,689	2,771	61.0%	19,904	361	78	103.65	204	410	41