

	效果不好						
	效果一般						
	效果很好						
			Solr	Solr-expand	Google		
1	aa	I want to know what is auto attack, and some information related to it	1+ 2- 3- 4- 5- 6- 7- 8- 9- 10- (although the webpages from 7-10 mention about aa, but they are not that relevant to what I care)	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9- 10-	1+ 2- 3- 4- 5- 6- 7- 8- 9- 10-		
			10%	80%	10%		
2	ad	I want to know what is ad, and some information related to it	1+ 2+ 3+ 4+ 5- 6- 7-8- 9- 10-	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9- 10+	1- 2- 3+ 4+ 5+ 6+ 7- 8- 9- 10+		
			40%	90%	50%		
3	ad character	I want to know the ad champions	The returned results are mainly related to character but they don't contain enough information about ad	The webpages returned are related to attack, but don't focus on ad character	1+ 2- 3- 4- 5- 6+ 7+ 8- 9- 10-		
			0%	0%	30%		
4	ap	I want to know what is ap, and something related to it	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8- 9- 10-	All the webpages returned are related to ap	1- 2- 3+ 4- 5- 6- 7- 8- 9- 10+		
			70%	100%	20%		

5	ap character	I want to know the ap champions	1+ 2- 3- 4- 5- 6- 7+ 8+ 9+10+ I'm not sure how to evaluate the webpages focusing on the champions' skills. They are seem to be relevant, but not that relevant because they go a little bit too further.	1- 2- 3+ 4+ 5- 6- 7- 8- 9- 10+	1- 2+ 3+ 4- 5+ 6+ 7+ 8- 9- 10-		
			50%	30%	50%		
6	carry	I want to know what does carry mean in lol, and something related to it	1+ 2+ 3+ 4- 5- 6- 7- 8+ 9+ 10+	same	1+ 2+ 3+ 4- 5- 6- 7- 8- 9- 10-		
			60%		30%		
7	ad carry	I want to know what is ad carry and which champions can be played as ad carrier and something related	1+ 2- 3+ 4- 5- 6- 7- 8+ 9+ 10+	1+ 2+ 3- 4- 5- 6+ 7+ 8- 9- 10-	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8- 9+ 10+		
			50%	40%	90%		
8	ap carry	I want to know what is ap carry and which champions can be played as ap carrier and something related	1+ 2- 3- 4- 5- 6- 7+ 8+ 9+ 10-	1+ 2+ 3- 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4+ 5- 6+ 7+ 8- 9+ 10+		
			40%	100%	80%		
9	competition	I'm wondering if there are any compeition for lol gamers	1+ 2+ 3- 4+ 5- 6- 7- 8- 9+ 10-	same	Will do it later		
			40%				

10	mf	I want some information about the champion Miss Fortune. I typed in mf because that is the name people call it in the game	1+ 2- 3- 4- 5- 6- 7- 8- 9- 10-	1+ 2- 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4+ 5- 6+ 7+ 8- 9+ 10-		
			10%	90%	70%		
11	tf	I want some information about the champion Twisted Fate. I typed in tf because that is the name people call it in the game	1- 2- 3- 4- 5- 6- 7- 8- 9- 10-	1- 2- 3- 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2- 3+ 4+ 5+ 6+ 7+ 8- 9+ 10+		
			0%	70%	80%		
12	lee	I want some information about the champion Lee Sin. I typed in lee because that is the name people call it in the game	1+ 2- 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+		
			90%	100%	100%		
13	mao	I want some information about the champion Maokai. I typed in mao because that is the name people call it in the game	1+ 2+ 3- 4- 5- 6- 7- 8- 9- 10-	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4+ 5+ 6- 7+ 8+ 9+ 10- All the pages seem to be relevant, but the quality of the information is not that good.		
			20%	100%	80%		
14	assassin	I want to know which champions can be played as an assassin in lol and how	1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 10+	same	Will do it later		
			100%				

15	jungle tip	I want to be a jungler in lol, so I need some tips	Maybe it is because the limitation of data, the returned results are not that satisfied. Maybe I should just search jungler.	same	Will do it later		
			0%				
16	supporter	I want to know which champions can be played as a supporter in lol and how	1+ 2- 3+ 4- 5- 6+ 7+ 8- 9- 10-	same	Will do it later		
			40%				
17	healer	I want to know which champions can be played as healer in lol and how		same	Will do it later		
			100%				
18	how to gank	I want to learn how to gank other players in lol	1+ 2- 3- 4- 5- 6- 7- 8- 9- 10-	same	Will do it later		
			10%				
19	mid strategy	I want to learn how to play mid lane	In the webpages mid is considered as mid-game		Will do it later		
			0%				
20	hat	I want to learn more about the item Rabadon's Deathcap. Hat is what people call it in the game	1+ 2- 3- 4- 5- 6+ 7+ 8+ 9+ 10+	1+ 2+ 3+ 4- 5- 6- 7- 8- 9- 10-	1+ 2- 3- 4- 5- 6- 7- 8- 9- 10-		
			60%	30%	10%		