

1) Speculate why these documents have high PageRank values, i.e., why is it that these particular pages are linked to by (possibly) many other pages with (possibly) high PageRank values.

-Top 10 pages have higher page rank because they have inlinks containing pages with higher page rank. These pages have high inlink pages count and less outlink pages count

For example:

Each website which are published in United state's domain will have to adhere to copyright rule of US government. This page of copyright rules will be present in each website though it is not useful to user. User will be interested in pages of companies, colleges, research pages etc but not copyright information which is not concerned to user. As this copyright page have high inlink count and less or no outlink count this will have higher pagerank. Another case is pages inlinked to copyright page have higher page rank for example SSN website will have high page rank as every employee of US will visit this page and this SSN site will have copyright page hence this will push page rank of copyright page higher.

Therefore it is not necessary if page have high page rank then it ought to be useful to user.

2) Are all of these documents ones that users would likely want to see in response to an appropriate query? Give some examples of ones that are and ones that are not. For those that are not "interesting" documents, why might they have high PageRank values?

-No, not all pages are those which interests user

List of pages which user won't be interested in

WT21-B37-76 = [www.economist.com](http://www.economist.com)

WT21-B37-75 = [www.economist.com](http://www.economist.com), copyright notice

WT14-B36-337= copyright notice

List of pages which user will be interested in

WT23-B21-53 = web development team details

WT21-B35-155= London club

WT21-B40-37= politics this week

WT25-B39-116 = security assurance requirements

WT23-B01-40= Rock ford college

WT27-B28-203 = IEEE society

Some pages are interesting while others are not. Pages with high page rank but which doesn't interest user are those with high number of inlinks pages and less number of outlink pages.

3) How do the pages with high PageRank compare to the pages with many in-links? In short, give an analysis of the PageRank results you obtain.

- Page rank of a page depends on page rank of inlink pages to that page. Higher the inlink's page rank with many pages, page rank of that page will go up. Pages with higher page rank doesn't mean it interest users. Pages with lower page rank can interest user. Hence we can't conclude that if page with higher page rank will interest user, but we certainly know page rank of a page will be higher if it has many pages which have higher page rank.

WT21-B37-76, WT21-B37-75 have higher page rank but they are not interesting.

WT23-B01-40, WT27-B28-203, WT21-B35-155 have lower page ranks but user might find these pages interesting.

Page	Page rank	Inlinks count
WT21-B37-76	0.0026944744155488784	2568
WT21-B37-75	0.0015331790999983787	1704
WT01-B18-225	9.553819646804261E-4	1137
WT08-B19-222	6.495325679505426E-4	1041
WT08-B18-400	0.0011447772878379343	990
WT25-B15-307	7.972235352502713E-4	605
WT27-B28-203	6.270797188364864E-4	589
WT13-B15-160	6.198585719576296E-4	484
WT13-B06-284	0.0011365580053119713	454