**CSCI 572: Assignment Number 1**

***List of Navigational Queries Used:***

Query 01. Ken Alexander Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003039 | 1 | https://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003039 | 1 |
| http://www-bcf.usc.edu/~alexandr/ | 0.75 | https://pressroom.usc.edu/kenneth-s-alexander/ | 0.5 |
| http://dornsife.usc.edu/mathematics/Faculty/ | 0.5 | http://www.zoominfo.com/p/Ken-Alexander/13095331 | 0 |
| https://dornsife.usc.edu/statsms/people/ | 0.5 | http://dornsife.usc.edu/assets/sites/1/docs/Korijna/Deans\_List/Deans\_List\_Fall\_2016.pdf | 0 |
| https://pressroom.usc.edu/kenneth-s-alexander/ | 0.25 | http://www.orthomms.com/ | 0 |

Query 02. Chunming Wang Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| http://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003805 | 1 | http://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003805 | 1 |
| http://dornsife.usc.edu/labs/msl/chunming-wang/ | 1 | http://dornsife.usc.edu/labs/msl/chunming-wang/ | 1 |
| https://dornsife.usc.edu/tools/mytools/PersonnelInfoSystem/DOC/Faculty/MATH/vita\_1003805.pdf | 0 | https://www.linkedin.com/in/chunming-wang-50ab4221 | 0 |
| http://dornsife.usc.edu/labs/msl/faculty-and-staff/ | 0.5 | https://www.linkedin.com/in/drwangcm | 0.25 |
| http://www.ratemyprofessors.com/ShowRatings.jsp?tid=34532 | 0 | http://catalogue.usc.edu/content.php?catoid=2&navoid=400 | 0 |

Query 03. Peter Baxendale Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003083 | 1 | https://dornsife.usc.edu/cf/faculty-and-staff/faculty.cfm?pid=1003083 | 1 |
| https://dornsife.usc.edu/tools/mytools/PersonnelInfoSystem/DOC/Faculty/MATH/vita\_1003083.pdf | 0.5 | http://catalogue.usc.edu/content.php?catoid=2&navoid=291 | 0.25 |
| https://dornsife.usc.edu/statsminor/people/ | 0.5 | http://catalogue2014.usc.edu/schools/college/math/ | 0.25 |
| http://dornsife.usc.edu/mathematics/Faculty/ | 0.25 | https://dornsife.usc.edu/ | 0 |
| http://www.ratemyprofessors.com/ShowRatings.jsp?tid=1521179 | 0 | http://www.usc.edu/directories/dept/las.html | 0 |

Query 04. Department of Mathematics Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/mathematics/ | 1 | http://dornsife.usc.edu/mathematics/ | 1 |
| http://dornsife.usc.edu/mathematics/Faculty/ | 0.5 | http://dornsife.usc.edu/mathematics/Faculty/ | 0.5 |
| https://dornsife.usc.edu/mathematics/General-info/ | 0.5 | http://catalogue2014.usc.edu/files/2005/06/college.pdf | 0 |
| https://dornsife.usc.edu/mathematics/graduate-general-information/ | 0.5 | http://dornsifecms.usc.edu/mathcenter/people/ | 0 |
| https://dornsife.usc.edu/mathematics/research/ | 0.5 | http://gradadm.usc.edu/our-programs/dornsife-college-of-letters-arts-and-sciences/ | 0 |

Query 05. Department of Chemistry Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| http://chem.usc.edu/ | 1 | https://dornsifecms.usc.edu/videos/undergraduate/851/chemistry-at-usc-dornsife/ | 0.5 |
| http://chem.usc.edu/faculty/alpha.html | 0.5 | http://chem.usc.edu/ | 1 |
| http://chem.usc.edu/dept/contacts.html | 0.5 | https://dornsife.usc.edu/news/topics/1913/department-of-chemistry/ | 0.5 |
| http://chem.usc.edu/undergraduate/summer\_prog.html | 0.5 | http://gradadm.usc.edu/our-programs/dornsife-college-of-letters-arts-and-sciences/ | 0 |
| https://www.petersons.com/graduate-schools/university-of-southern-california-college-of-letters-arts-and-sciences-department-of-chemistry-000\_10051094.aspx#/sweeps-modal | 0 | https://dornsife.usc.edu/ | 0 |

Query 06. Department of English Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| http://dornsife.usc.edu/engl | 1 | https://dornsife.usc.edu/engl | 1 |
| http://dornsife.usc.edu/cf/engl/engl\_faculty\_roster.cfm | 0.5 | http://gradadm.usc.edu/our-programs/dornsife-college-of-letters-arts-and-sciences/ | 0 |
| https://dornsife.usc.edu/engl/contact-us/ | 0.5 | https://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/engl/undergraduate/ | 0.5 | http://typo3.creighton.edu/?id=65544 | 0 |
| https://dornsife.usc.edu/engl/undergraduate-courses/ | 0.5 | https://dornsifecms.usc.edu/news/stories/2125/new-faculty-2015/ | 0 |

Query 07. Dornsife USC map

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| http://spatial.usc.edu/index.php/research-innovation/maps-maps-processing/ | 0 | http://dornsife.usc.edu/map/ | 0 |
| https://web-app.usc.edu/maps/map.pdf | 1 | http://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/map/ | 0 | http://spatial.usc.edu/index.php/research-innovation/maps-maps-processing/ | 0 |
| http://web-app.usc.edu/maps/ | 1 | http://spatial.usc.edu/index.php/prospective-students/ | 0 |
| http://dornsife.usc.edu/community-map-and-site-information/ | 1 | http://dornsifecms.usc.edu/brainimaging/contact-information/ | 1 |

Query 08. Dana and David Dornsife

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/dornsife-about/ | 1 | https://dornsife.usc.edu/dornsife-about/ | 1 |
| https://dornsife.usc.edu/ | 0 | https://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/dornsife | 0.5 | https://www.philanthropy.com/article/No-7-DavidDana-Dornsife/157247 | 0.5 |
| http://dornsife.usc.edu/cf/departments-and-programs/departments-and-programs.cfm | 0 | http://dornsifecms.usc.edu/brainimaging | 1 |
| https://en.wikipedia.org/wiki/David\_H.\_Dornsife | 1 | https://dornsifecms.usc.edu/news/topics/30145/david-and-dana-dornsife/ | 0 |

Query 09. USC Dornsife Alumni

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/alumni/ | 1 | http://dornsife.usc.edu/alumni/ | 1 |
| https://dornsife.usc.edu/featured-alum/ | 0.25 | http://spatial.usc.edu/index.php/alumni/ | 1 |
| http://dornsife.usc.edu/meet-alumni/ | 0.25 | http://dornsife.usc.edu/cf/alumni/alumni-news.cfm | 0 |
| http://spatial.usc.edu/index.php/alumni/ | 0 | https://dornsifecms.usc.edu/news/categories/13/alumni/ | 1 |
| https://dornsife.usc.edu/Sociology-Alumni/ | 0.25 | https://dornsifecms.usc.edu/news/categories/13/alumni/2/ | 1 |

***List of Informational Queries Used:***

Query 10. USC English Undergraduate degree requirements

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/engl/major-after-2012/ | 1 | https://dornsife.usc.edu/engl | 0.5 |
| https://dornsife.usc.edu/engl/undergraduate/ | 1 | https://www.marshall.usc.edu/msf/admissions/requirements | 0.5 |
| http://catalogue.usc.edu/preview\_program.php?catoid=2&poid=1175&returnto=382 | 0 | http://dornsife.usc.edu/major-requirements/ | 1 |
| http://catalogue.usc.edu/content.php?catoid=2&navoid=263 | 0.5 | https://undergrad.usc.edu/programs/major/list/arts/ | 0 |
| https://dornsife.usc.edu/engl/undergraduate-courses/ | 0 | http://sc.edu/about/offices\_and\_divisions/undergraduate\_admissions/requirements/index.php | 0 |

Query 11. USC English Masters degree requirements

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/engl/graduate/ | 0.5 | http://dornsife.usc.edu/engl/ | 0.5 |
| https://dornsife.usc.edu/engl/phd-frequently-asked-questions/ | 1 | https://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/engl/phd-requirements/ | 0.5 | https://gapp.usc.edu/graduate-programs/masters/computer-science/computer-science | 0 |
| http://dornsife.usc.edu/engl | 0 | http://gradadm.usc.edu/ | 0.5 |
| http://international.usc.edu/masters-preparation-program/ | 1 | http://weblaw.usc.edu/how/gip/llm/degree.cfm | 0 |

Query 12. USC English PhD. degree Requirements

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| https://dornsife.usc.edu/engl/phd-requirements/ | 1 | https://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/engl/phd-admissions/ | 0 | http://dornsife.usc.edu/engl/ | 0 |
| https://dornsife.usc.edu/engl/graduate/ | 0 | https://cinema.usc.edu/admissions/procedures/mediastudies/phdprocedures.cfm | 0.5 |
| https://cinema.usc.edu/admissions/procedures/mediastudies/phdprocedures.cfm | 0.5 | http://gradadm.usc.edu/ | 1 |
| https://dornsife.usc.edu/cwphd | 0.5 | http://artsandsciences.sc.edu/engl/front-page | 0 |

Query 13. USC Dornsife Health Policy

Top Five URL Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Google** | **Relevance Score** | **Bing** | **Relevance Score** |
| http://healthpolicy.usc.edu/NewsItem.aspx?ID=91 | 0 | https://dornsife.usc.edu/ | 0 |
| https://dornsife.usc.edu/health-and-human-sciences/ | 0 | http://dornsife.usc.edu/employee-health/ | 0 |
| https://dornsife.usc.edu/health-and-safety/ | 1 | https://dornsife.usc.edu/usc-policies/ | 0 |
| http://healthpolicy.usc.edu/ | 1 | http://healthpolicy.usc.edu/documents/HealthCertificatePlan.pdf | 0 |
| https://dornsife.usc.edu/bisc-428/ | 0 | https://dornsife.usc.edu/global-health/ | 0 |

**ANALYSIS ON GOOGLE AND BING**

**RQ1: Which search engine performs best when considering the first five results for a given query?**

**Sol:** Considering the first 5 results returned by both the browsers we can see a peculiar trend, Google results are relevant and are closely related to one another. With Bing, the results tend to start varying a lot. We can see that Google search results are more relevant.

**RQ2: Is there a difference in relevance between the search engines when considering informational queries and navigational queries, respectively?**

**Sol:**

**Navigation Queries:** The results returned by Google were most accurate among the search engines. Bing was not returning the accurate results and has a poor average for query results in the top 5 links.

**Information Queries:** The results returned by Bing were more accurate among the two search engines. Google was not returning the accurate results but was comparable with Bing with a reasonable average.