En este escrito se comparan dos algoritmos de recuperación de información:

* Modelo probabilístico
* Modelo vectorial

Métrica para la evaluación de los algoritmos:

%

El 100% de esta métrica significa que todos los documentos no irrelevantes fueron recuperados.

Los resultados ideales tendrían en el llamamiento y la precisión ambos 100%

Para la herramienta más eficiente el llamamiento tendría 100% con una precisión lo más alta posible.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Modelo Probabilístico** | | | **Modelo Vectorial** | | |
| **# Documentos** | **Recuperados** | **Relevantes** | **Precisión %** | **Recuperados** | **Relevantes** | **Precisión %** |
| 1 | 1 | 1 | 100.00 | 1 | 1 | 100.00 |
| 2 | 2 | 2 | 100.00 | 2 | 2 | 100.00 |
| 3 | 2 | 2 | 100.00 | 3 | 3 | 100.00 |
| 4 | 4 | 3 | 75.00 | 4 | 4 | 100.00 |
| 5 | 4 | 3 | 75.00 | 5 | 5 | 100.00 |
| 6 | 5 | 4 | 80.00 | 6 | 6 | 100.00 |
| 7 | 6 | 5 | 83.33 | 7 | 6 | 85.71 |
| 8 | 7 | 5 | 74.47 | 8 | 7 | 87.50 |
| 9 | 8 | 6 | 79.62 | 8 | 8 | 100.00 |
| 10 | 8 | 6 | 77.11 | 9 | 8 | 88.89 |
| 11 | 9 | 7 | 76.75 | 10 | 9 | 94.00 |
| 12 | 10 | 8 | 76.44 | 11 | 10 | 92.12 |
| 13 | 11 | 8 | 76.19 | 12 | 11 | 91.95 |
| 14 | 12 | 9 | 75.96 | 13 | 12 | 91.80 |
| 15 | 12 | 9 | 75.77 | 14 | 13 | 91.67 |
| 16 | 13 | 10 | 75.60 | 15 | 13 | 91.55 |
| 17 | 14 | 11 | 75.45 | 16 | 14 | 91.45 |
| 18 | 15 | 11 | 75.32 | 16 | 15 | 91.36 |
| 19 | 16 | 12 | 75.20 | 17 | 16 | 91.28 |
| 20 | 17 | 12 | 75.10 | 18 | 17 | 91.21 |
| 21 | 17 | 13 | 75.00 | 19 | 17 | 91.14 |
| 22 | 18 | 14 | 74.91 | 20 | 18 | 91.08 |
| 23 | 19 | 14 | 74.83 | 21 | 19 | 91.03 |
| 24 | 20 | 15 | 74.76 | 22 | 20 | 90.98 |
| 25 | 21 | 15 | 74.69 | 23 | 21 | 90.93 |
| 26 | 22 | 16 | 74.63 | 24 | 21 | 90.89 |
| 27 | 22 | 17 | 74.57 | 24 | 22 | 90.85 |
| 28 | 23 | 17 | 74.51 | 25 | 23 | 90.81 |
| 29 | 24 | 18 | 74.46 | 26 | 24 | 90.78 |
| 30 | 25 | 18 | 74.42 | 27 | 25 | 90.74 |
| 31 | 26 | 19 | 74.37 | 28 | 25 | 90.71 |
| 32 | 26 | 20 | 74.33 | 29 | 26 | 90.69 |
| 33 | 27 | 20 | 74.29 | 30 | 27 | 90.66 |
| 34 | 28 | 21 | 74.26 | 31 | 28 | 90.63 |
| 35 | 29 | 21 | 74.22 | 32 | 29 | 90.61 |
| 36 | 30 | 22 | 74.19 | 32 | 29 | 90.59 |
| 37 | 31 | 23 | 74.16 | 33 | 30 | 90.57 |
| 38 | 31 | 23 | 74.13 | 34 | 31 | 90.55 |
| 39 | 32 | 24 | 74.10 | 35 | 32 | 90.53 |
| 40 | 33 | 24 | 74.07 | 36 | 33 | 90.51 |
| 41 | 34 | 25 | 74.05 | 37 | 33 | 90.49 |
| 42 | 35 | 26 | 74.03 | 38 | 34 | 90.48 |
| 43 | 35 | 26 | 74.00 | 39 | 35 | 90.46 |
| 44 | 36 | 27 | 73.98 | 40 | 36 | 90.45 |
| 45 | 37 | 27 | 73.96 | 40 | 37 | 90.43 |
| 46 | 38 | 28 | 73.94 | 41 | 37 | 90.42 |
| 47 | 39 | 29 | 73.92 | 42 | 38 | 90.40 |
| 48 | 40 | 29 | 73.90 | 43 | 39 | 90.39 |
| 49 | 40 | 30 | 73.89 | 44 | 40 | 90.38 |
| 50 | 41 | 30 | 73.87 | 45 | 41 | 90.37 |