

## Search Engines (indexing)

검색엔진 입문에서 응용까지

- 1) <http://www.comworld.co.kr/news/articleView.html?idxno=49504>
- 2) <http://www.comworld.co.kr/news/articleView.html?idxno=49520>
- 3) <http://www.itdaily.kr/news/articleView.html?idxno=91570>
- 4) <http://www.comworld.co.kr/news/articleView.html?idxno=49575>
- 5) <http://www.comworld.co.kr/news/articleView.html?idxno=49593>
- 6) <http://www.itdaily.kr/news/articleView.html?idxno=93371>
- 7) <http://www.comworld.co.kr/news/articleView.html?idxno=49626>

내 맘대로 es 정리 중

[https://github.com/itmare/es\\_lecture](https://github.com/itmare/es_lecture)

ElasticSearch 를 이용한 PDF 와 Word 문서 검색 서비스 만들기

<https://naggingmachine.tistory.com/830>

elastic search 제대로 배워보자

[https://www.oss.kr/storage/app/public/oss/87/ea/\[Elasticsearch\]%20Solution%20Guide%20V0.95.pdf](https://www.oss.kr/storage/app/public/oss/87/ea/[Elasticsearch]%20Solution%20Guide%20V0.95.pdf)

**Elasticsearch 6.x Cheatsheet**

<https://elasticsearch-cheatsheet.jolicode.com/#es6>

**Apache Solr vs Elasticsearch**

<https://solr-vs-elasticsearch.com/>

## 엘라스틱서치 편의 기능

Building a real-time elastic search engine using Python

<https://medium.com/faun/building-a-real-time-elastic-search-engine-using-python-32e05bcb9140>

## Crawling - PDF

Blog - Python for PDF

<https://towardsdatascience.com/python-for-pdf-ef0fac2808b0>

PDFMiner (manual)

<https://pdfminersix.readthedocs.io/en/develop/>

PDFMiner (github)

<https://github.com/pdfminer/pdfminer.six>

tabula-py: Extract table from PDF into Python DataFrame

<https://blog.chezo.uno/tabula-py-extract-table-from-pdf-into-python-dataframe-6c7acfa5f302>

Camelot: PDF Table Extraction for Humans

<https://camelot-py.readthedocs.io/en/master/>

Extract references (pdf, url, doi, arxiv) and metadata from a PDF; optionally download all referenced PDFs <http://www.metachris.com/pdfx>

## Ranking

"선형대수학과 구글(Google) 검색엔진" - 페이지랭크 알고리즘

<http://matrix.skku.ac.kr/2012-e-Books/KMS-News-LA-Google-SGLee.pdf>

[텍스트마이닝] 구글 페이지랭크(PageRank) 알고리즘

[http://www.emh.co.kr/content.pl?google\\_pagerank\\_citation\\_ranking](http://www.emh.co.kr/content.pl?google_pagerank_citation_ranking)

한글 텍스트 전처리

<https://programmers.co.kr/learn/courses/21/lessons/1694>

추천 using collaborative filtering

<https://proinlab.com/archives/2103>

## Natural Language Processing

한국어 분석(형태소 분석)

<https://hoony-gunputer.tistory.com/79>

Spacy

<https://spacy.io/>

## Topic Models

Gensim

<https://radimrehurek.com/gensim/>

## SE using Model Models

벡터 필드를 사용한 텍스트 유사도 검색

<https://www.elastic.co/kr/blog/text-similarity-search-with-vectors-in-elasticsearch?fbclid=IwAR21aBmhTr6C1ZeNGpxVsLubNa90MjeZ81nU3YGzKqnKuV1xJUImRjQYMwg>