Course Description

Prerequisite	Course name	Course no
1502351	**Search Engine Construction**	1504483

An introductory course on web–searching. Information vs data retrieval. The architecture of a search engine. Web crawling. Processing text (tokenization, stemming, stopwords, link analysis and markup). Ranking algorithms based on indexes and links (eg. Kleinberg's HITS, Google's PAGERANK). Retrieval Models. Search engine evaluation. Case studies (e.g. Google cluster architecture).