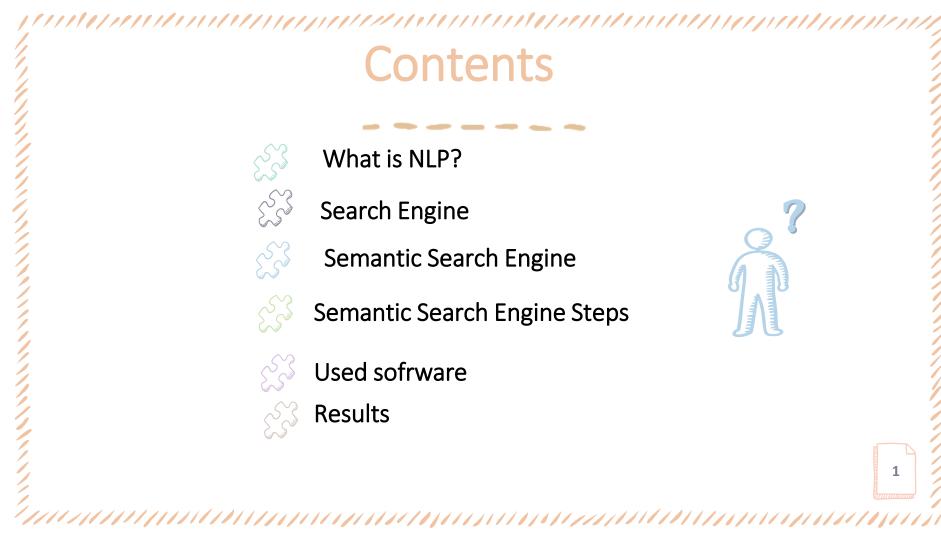
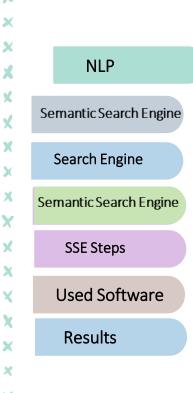
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Natural Language Programing Semantic Search Engine



Nemat Allah Aloush





What is NLP?

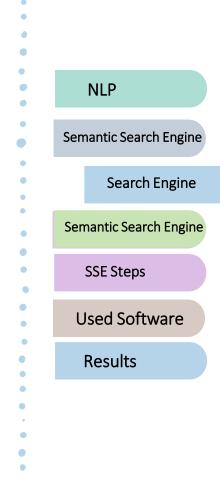
Natural language processing (NLP) is a branch of artificial intelligence that helps computers understand, interpret and manipulate human language.

NLP makes it possible for computers to read text, hear speech, interpret it, measure sentiment and determine which parts are important.



NLP

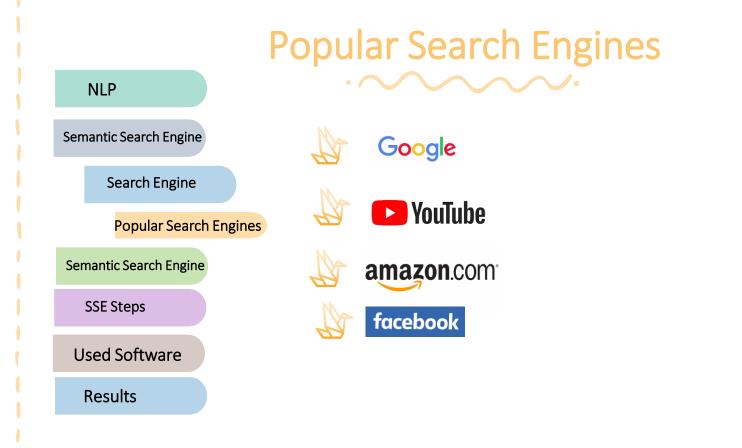




Search Engine

Search Engine is to search the World Wide Web in a systemic way for a particular information specified in a textual web query.







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Semantic Search Engine

NLP

Semantic Search Engine

Search Engine

Semantic Search Engine

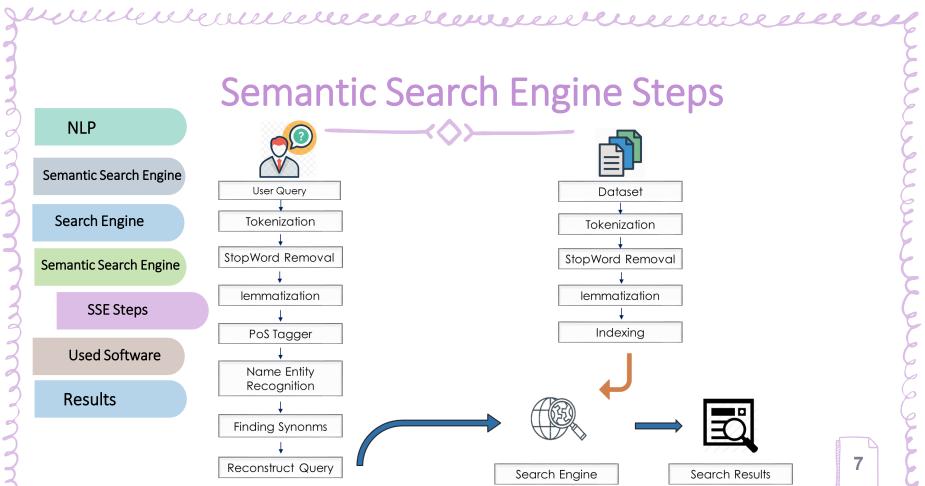
SSE Steps

Used Software

Results

Semantic search denotes search with meaning, as distinguished from lexical search where the search engine looks for literal matches of the query words or variants of them, without understanding the overall meaning of the query.







	Re	sults
NLP		
Semantic Search Engine	Enter Your Search Query play	
Search Engine		Search
emantic Search Engine	Sportsday Live - breaking sports news	Reaction to Manchester City and Manchester United's
SSE Steps		victories, plus more.
Used Software		
Results		

Results

	NLP				
•		The Query	Titles of Documents Results	Descriptions of Results	
	Semantic Search Engine				
•	Search Engine	Ocean	Russian oil rig sinks under tow	Four people die and around 50 are missing after an oil drilling rig capsizes and sinks under tow in freezing seas in the Russian	
•	Semantic Search Engine			far east.	
•	SSE Steps	evaluates	Indian is world's shortest woman	Jyoti Amge, an Indian student measuring just 62.8cm, a little over two feet, is confirmed as	
	Used Software			the world's shortest woman by Guinness World Records.	
	Results	Success	McFly's Judd wins Strictly crown	McFly drummer Harry Judd is voted the winner of Strictly Come Dancing, beating actress Chelsee Healey to the glitterball trophy.	

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Results

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•	NLP						
•		The Query	Titles of Documents Results	Descriptions of Results			
•	Semantic Search Engine	Parting	Mass burial for Philippines dead	A mass burial is being organised			
•	Search Engine			in the Philippines for scores killed by flash floods, which left at least 650 dead on the southern island of Mindanao.			
•	Semantic Search Engine		VIDEO: Loneliness of the long distance runner	Olympic hopeful Nader el Masri has been allowed to leave Gaza			
•	SSE Steps			to compete at the Arab Games.			
•	Used Software	Kills	S Korea markets down on Kim death	S Korean markets decline after North Korea's state media announces the <mark>death</mark> of the			
•	Results			country's leader Kim Jong-il.			
•	Results		Mass burial for Philippines dead	A mass burial is being organised in the Philippines for scores killed by flash floods, which left at least 650 dead on the southern island of Mindanao.			
•							

Thanks for your time :)