

- Data PreprocessingMintaka dataset MoviesSplits
 - Train
 - Validation
 - Test
- Structure of Datapoints
- Data Preparation
- Extracting Entities, Predicates and Triples

Category Dataset	Movies
Train	700
Validation	107
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28, 35

```
"question":"Which actor was the star of Titanic and was born in Los Angeles, California?",
"translations":{
 مَنْ الممثل الذي لعب دور البطولة في فيلم \"تيتانيك\" وهو من مواليد لوس أنجلوس بكاليفورنيا؟", ": "ar"
  "de":"Welcher Schauspieler war der Star von Titanic und wurde in Los Angeles, Kalifornien, geboren
 "ja":"タイタニックのスターで、カリフォルニア州ロサンゼルス生まれの俳優は誰ですか?", "hi":"कौन से अभिनेता Titanic के स्टार थे और लॉस एंजेलिस, कैलिफ़ोर्निया में पैदा ह्आ थे?",
  "pt":"Qual ator foi a estrela de Titanic e nasceu em Los Angeles, Califórnia?",
  "es":"¿Qué actor protagonizó Titanic y nació en Los Ángeles, California?",
 "it":"Quale attore è stato protagonista in Titanic ed è nato a Los Angeles in California?",
  "fr":"Quel acteur a joué le rôle principal de Titanic et est né à Los Angeles en Californie ?"
"questionEntity":[
    "name":"<mark>Q44578</mark>",
    "entityType":"entity",
    "label":"Titanic",
    "mention":"Titanic",
    "span":[
```



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• Example:

Question: Which actor was the star of Titanic and was born in Los Angeles, California?

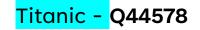
Answer: Leonardo DiCaprio

Entities in Question and Answer:

<mark>Titanic - </mark>Q44578 Los Angeles - Q65 Leonardo DiCaprio - Q38111

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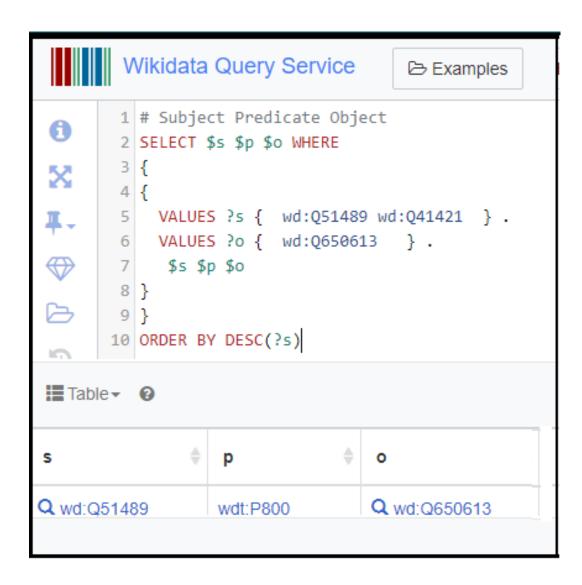
Los Angeles - Q65



Leonardo DiCaprio - Q38111



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 Extract all the entities from Question and Answers from the trimmed dataset

Example: Q51489, Q656013

 Extract all the Relations or Predicates between the Question QID and the Answer QID

Example: P800

Form the triples as <S, P, O >

Example : < Q51489 , P800 , Q656013 >



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No of Entities	10118
No of Triples	28027
No of Predicates	323

Entity table				
Entity	Name	Alias		
Q189489	Zendaya	Zendaya Coleman, Zendaya		
		Maree Stoermer Coleman		
Q80596	Arthur Miller	Arthur Asher Miller		
Q165219	Robert Down	RDJ, Robert Downey, Robert		
		John Downey Jr.		
Q23894967	Tony Stark	Iron Man, Anthony Edward Stark		
Q172	Toronto	Toronto, Canada, Hogtown, The		
		Six, City of Toronto, Toronto,		
		Ontario, T-O, The 416, Toronto,		
		ON		
Q189490	Jennifer Lawr	J Law, Jennifer Shrader		
		Lawrence, JLaw		

Property table			
Property	Name	Alias	
P106	occupation	work, profession, job, craft, vocation,	
		avocation, career, employ, employment	
P199	business division	divisions, has business division, has	
		division	
P85	anthem	national anthem, march, team anthem,	
		club anthem, official hymn, official song	
P47	shares border	border, next to, adjacent to, bordered by,	
	with	borders clockwise	
P69	educated at	faculty, education, student of, alma	
		mater, attended, alumna of, alumni of,	
		alumnus of, attended school at,	
P57	director	film director, movie director, directed by	
P19	place of birth	birth location, birth place, birthplace,	
		location of birth, POB, birth city, born,	
		born at, born in, location born	
P135 movement		art movement, artistic movement, school,	
		philosophical movement, literary	
		movement, music scene, artistic school,	
		trend, scientific movement	

Triplet table					
Subject	Relation	Object			
Q189489	P800	Q27985819			
Q188	P17	Q39			
Q270599	P162	Q223992			
Q30	P530	Q242			
Q159846	P355	Q7135302			
Q6219699	P3373	Q51506			
Q2266587	P179	Q642878			