



## **Challenges for Querying Big Data**

#### Computer Science

#### the computation of function

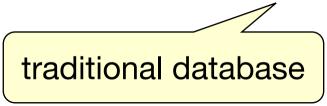
#### is the topic about

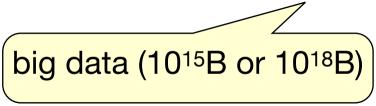
#### **Query answering**











# Any fundamental challenges introduced by querying big data?

## **Challenges for Querying Big Data**

Query answering is the topic about

the computation of function Q(D)



Any fundamental challenges introduced by querying big data?

## A Graph Search query (Facebook)

find all my friends who have online update records from UK

- friend(uid, fid)
- update(id, uid, country, date, post, ...)

	friend					
	uid	fid				
1	uid0	uid18				
2	uid1	uid11				
3	uid1	uid18				
	• •	• • •				

	update								
	id	uid	country	date	post	•••			
1	001	uid18	US	20160103	post#1	•••			
2	002	uid11	UK	20150103	post#2	•••			
3	003	uid11	UK	20170103	photo#3	•••			
		• • •	• • •	• • •	• • •	• • •			

```
SELECT fid FROM friend AS f, update AS u WHERE f.uid= uid1 AND f.fid=u.uid AND u.country=UK
```

my uid