NoSQL: The Big Picture

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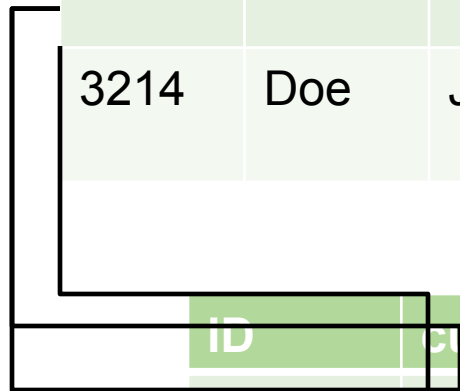
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pluralsight
hardcore developer training

Relational (Conventional) Databases

Customers

ID	lname	fname	address	city	state	zip
1122	Brust	Andrew	123 Main St.	New York	NY	10099
3214	Doe	John	321 Elm St.	Anytown	MI	40001

Orders

iD	custid	amount	tax	shipdate
3001	1122	500	40	2/20/2012
3002	1122	250	17	3/18/2012
3003	3214	1700	150	3/20/2012

What is NoSQL?

Customers

ID: 1122	lname: Brust	fname: Andrew	address: 123 Main St.	city: New York	state: NY	zip: 10099
ID: 3214	lname: Doe	fname: John	address: 321 Waterford Crescent.	village: Stodday	county: Lancashire	postal code: LA2 6ET

Orders

ID: 3001	customerID: 1122	amount: 500	tax: 40	processdate: 2/20/2012
ID: 3002	customerID: 1122	amount: 250	shipdate: 3/18/2012	
ID: 3003	amount: 1700	tax: 150		

NoSQL Data Fodder

Addresses

Personalization

Documents

Friends, Followers

Notes
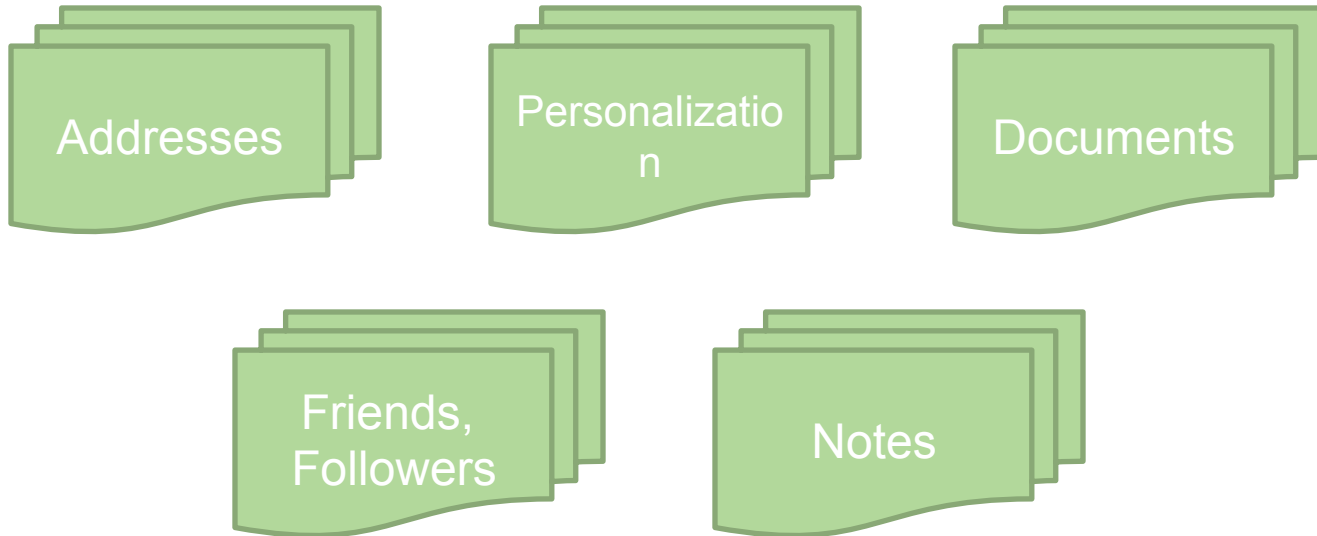
"Web Scale"

- **This the term used to justify NoSQL**
- **Scenario is simple needs but "made up for in volume"**
  - Millions of *concurrent* users
- **Think of sites like Amazon or Google**
- **Think of non-transactional tasks like loading catalog data to display product page, or environment preferences**