Satisfying 1NF

- To satisfy the **First normal form**, columns which contain sets of values or nested records are not allowed.

=> Decompose *Keyword* column

Course_keyword

Cid	Kid
1000	1
1000	2
1100	3
1100	2
1200	4
1200	2

Keyword

Kid	Keyword
1	AI
2	DS
3	Computer Arch
4	DBMS

Course

Cid	Cname	Class_number	Lecturer	Lecturer_email	Class_time
1000	ML	001	Jones	jones@cs	10-12
1100	Computing	001	Smith	smith@ds	12-14
1100	Computing	002	Hank	hank@ee	10-12
1200	Big Data	001	Tom	tom@ds	12-14
1200	Big Data	002	Hank	hank@ee	14-16