

# Normalization

1NF, 2NF, 3NF

1NF Table

Name	Experience	Companies Worked	Types
Arjun	5	C-A, C-C, C-B	0
Tom	10	C-D, C-E	0
Jon	7	C-F	1
Sam	10	C-F, C-X	2

☞ To → 1NF

Name	Experience	Companies Worked	Types
Arjun	5	C-A	0
Arjun	5	C-C	0
Arjun	5	C-B	0
Tom	10	C-D	0
Tom	10	C-E	0
Jon	7	C-F	1
Sam	10	C-F	2
Sam	10	C-X	2

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Sl. No.	Name	Experience	Tier
1	Arjun	5	A
2	Tom	10	A
3	Jon	7	B
4	Sam	10	C

Sl. No.	Companies worked
1	C-1
1	C-2
1	C-3
2	C-4
2	C-5
3	C-6
4	C-7
4	C-8

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Sl. No.	Name	Experience	Tier
1.	Arjun	5	A
2.	Tom	10	A
3	Jon	7	B
4	Sam	10	C

ID	Companies Worked
1	C-A
1	C-B
1	C-C
2	C-D
2	C-E
3	C-F
4	C-Z
4	C-X

Tier ID	Tier Number
A	0
B	1
C	2
D	3
E	4