

CSD310: Database Development and Use
Module 3.2 Assignment: Normalized Tables
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1NF

I have left certain fields null which are related to deceased authors

Publisher Name	Publisher Id	Publisher Address	Book ISBN	Book Name	Book Price	Author First Name	Author Last Name	Author Phone	Author Email	Publisher Email	Author Address
Harper Collins	1	195 Broadway, New York, NY 10007	1503280780	Moby Dick	\$17.59	Herman	Melville	null	null	consumercare@harpercollins.com	null
Grove Press	2	154 West 14th Street, 12th Floor, New York, NY 10011	0802130305	Ficciones	\$18.00	Jorge Luis	Borges	null	null	info@groveatlantic.com	null
Penguin Random House	3	1745 Broadway New York, NY 10019	0553293354	Foundation	\$10.00	Isaac	Asimov	null	null	penguinrandomhouse@penguinrandomhouse.com	null

3NF

Primary keys bolded, foreign keys italicized.

Publishers Table

Id	Name	Address	Email

Authors Table

Id	First Name	Last Name	Phone	Email	Address

Books Table

ISBN	Title	Price	<i>AuthorId</i>	<i>PublisherId</i>

Key Assumptions: This normalization assumes there is only one publication per book. Otherwise, we'd need a Publications table to affix different prices to.