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 Publisher Author Data Dictionary / Metadata

Publisher Author Database Data Dictionary

TABLE NAME	TABLE DESCRIPTION	# OF ATTRIBUTES
Publisher	Information on a book Publisher	4
Author	Information on an Author	5
Contracts	information about contracts between publishers and authors	5
Books	Information on specific books	5
Marketing Company	Information on Marketing Companies used by publishers	4
marketsFor	Info about relationships between Marketing Co and Publishers	3

Publisher Author Database Metabase

TABLE: Publisher						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
email	Email Address of the publisher	Any Values	String	yes	no	no
name	Name of Publisher	Any Values	String	no	no	no
address	Mailing Address of Publishing Company	Any Values	String	no	no	no
phone	Phone Number of Publisher	>=0 & <10	Integer	no	no	no

TABLE: Author						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
email	Email Address of the Author	Any Values	String	yes	no	no
name	Name of Author	Any Values	String	no	no	no
address	Mailing address of Author	Any Values	String	no	no	no
phone	Phone Number of Author	>=0 & <10	Integer	no	no	no
SSN	Social Security Number of Author	>=0 & <1000000000	Integer	no	no	no

TABLE: Contracts						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
contractNum	Randomly generated number associated with Contract	Any Values	Integer	yes	no	no
dollarSum	Amount the contract is for in dollars(0.00)	>=0	Double	no	no	no
date	Date contract was signed	Valid Date	String	no	no	no
pEmail	Email Address of the publisher	Any Values	String	no	yes	no
aEmail	Email Address of the Author	Any Values	String	no	yes	no

TABLE: Books						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
ISBNNum	Randomly generated number associated with Contract	Any Values	String	yes	no	no
title	Amount the contract is for in dollars(0.00)	Any Values	String	no	no	no
year	Date contract was signed	Valid year	Integer	no	no	no
pEmail	Email Address of the publisher	Any Values	String	no	yes	no
aEmail	Email Address of the Author	Any Values	String	no	yes	no

TABLE: Marketing Company						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
email	Email Address of Marketing Company	Any Values	String	yes	no	no
name	Name of Marketing Company	Any Values	String	no	no	no
address	Mailing Address of Marketing Company	Any Values	String	no	no	no
phone	Phone Number of Marketing Company	>=0 & <10	Integer	no	no	no

TABLE: marketsFor						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
surrogateKey	Autogenerated number for Surrogate Key	< 10000 & > 0	Integer	yes	no	no
pEmail	Email Address of the publisher	Any Values	String	no	yes	no
mEmail	Email Address of Marketing Company	Any Values	String	no	yes	no