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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
pEmail	Email Address of the publisher	Any Values	VARCHAR(50)	yes	no	no
pName	Name of Publisher	Any Values	VARCHAR(50)	no	no	no
pAddress	Mailing Address of Publishing Company	Any Values	VARCHAR(50)	no	no	no
phone	Phone Number of Publisher	>=0 & <10	CHAR(10)	no	no	no

TABLE: Author

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
aEmail	Email Address of the Author	Any Values	VARCHAR(50)	yes	no	no
aName	Name of Author	Any Values	VARCHAR(50)	no	no	no
aAddress	Mailing address of Author	Any Values	VARCHAR(50)	no	no	no
phone	Phone Number of Author	>=0 & <10	CHAR(10)	no	no	no
SSN	Social Security Number of Author	>=0 & <1000000000	CHAR(10)	no	no	no

TABLE: Contracts

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
contractNum	Randomly generated number associated with Contract	Any Values	CHAR(20)	yes	no	no
dollarSum	Amount the contract is for in dollars(0.00)	>=0	Double	no	no	no
signDate	Date contract was signed	Valid Date	Date	no	no	no
pEmail	Email Address of the publisher	Any Values	VARCHAR(50)	no	yes	no
aEmail	Email Address of the Author	Any Values	VARCHAR(50)	no	yes	no

TABLE: Books

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
ISBNNum	Randomly generated number associated with Contract	Any Values	CHAR(13)	yes	no	no
title	Amount the contract is for in dollars(0.00)	Any Values	VARCHAR(50)	no	no	no
pYear	Date contract was signed	Valid year	CHAR(4)	no	no	no
pEmail	Email Address of the publisher	Any Values	VARCHAR(50)	no	yes	no
aEmail	Email Address of the Author	Any Values	VARCHAR(50)	no	yes	no

TABLE: Marketing_Company

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
mEmail	Email Address of Marketing Company	Any Values	VARCHAR(50)	yes	no	no
mName	Name of Marketing Company	Any Values	VARCHAR(50)	no	no	no
mAddress	Mailing Address of Marketing Company	Any Values	VARCHAR(50)	no	no	no
phone	Phone Number of Marketing Company	>=0 & <10	CHAR(10)	no	no	no

TABLE: markets_For						
ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	DOMAIN	DATA TYPE	PK	FK	NULL
autoGenID	Autogenerated number for Surrogate Key	< 10000 & > 0	Integer	yes	no	no
pEmail	Email Address of the publisher	Any Values	VARCHAR(50)	no	yes	no
mEmail	Email Address of Marketing Company	Any Values	VARCHAR(50)	no	yes	no