Cities 1 (Secondary)

Field	Key	Format	Description	Example
City	PK	varchar (50)	City name	Addison
State	PK	char (2)	2-letter US Postal Service abbreviation for the state	NY
Latitude		numeric (10, 5)	Latitude in decimal format	42.0969
Longitude		numeric (10, 5)	Longitude in decimal format	-77.2886
Population		numeric (10)	Number of people in the city	5379
Area		numeric (20, 5)	Area in square miles	106.5048
Density		numeric (20, 5)	Population density per square mile	50.5
Time Zone		varchar (50)	Time zone in official ICANN "tz database" format	America / New York

Customers 1 (Primary)

Field	Key	Format	Description	Example
Customer ID	PK	numeric (5)	Unique system-generated ID for each customer	95
First Name		varchar (25)	Customer's first name (fictitious)	Vanda
Last Name		varchar (25)	Customer's last name (fictitious)	Sheers
Street		varchar (50)	Street part of the address: number, street name, street suffix, etc. (fictitious)	886 Pearson Point
City		varchar (50)	City name	Oakland
State		char (2)	2-letter US Postal Service abbreviation for the state	CA
ZIP Code		char (5)	5-digit ZIP code assigned by the US Postal Service	94609
Store ID	FK	numeric (5)	Closest store to the customer (the primary store they would shop at)	1
Distance		numeric (5)	Distance in miles from the customer's ZIP code center to the store	1

Holidays 1 (Primary)

Field	Key	Format	Description	Example
Date	PK	date	Date of the holiday	2020-04-12
Description		varchar (25)	Description of the holiday	Easter
Closed		boolean	True if stores are closed; False if stores are open	False

Line Items 1 (Primary)

Field	Key	Format	Description	Example
Store ID	PK, FK	numeric (5)	Store that made this sale	1
Sale ID	PK, FK	numeric (10)	Sale ID (computer-generated, unique within a store)	29
Line Item ID	PK	numeric (5)	Unique line item ID within a store and a sale	1
Product ID	FK	numeric (5)	Product purchased	1
Quantity		numeric (5)	Quantity of the product purchased	2

Products 1 (Primary)

Field	Key	Format	Description	Example
Product ID	PK	numeric (5)	Unique ID number for each product	5
Description		varchar(25)	Description of the product	Chicken Salad

Sales 1 (Primary)

Field	Key	Format	Description	Example
Store ID	PK, FK	numeric (5)	Store that made this sale	1
Sale ID	PK	numeric (10)	Unique sale ID (computer-generated, unique within a store)	99
Customer ID	FK	numeric (5)	Customer who made the purchase	2832
Date		date	Date of the sale	2020-01-01
Total		numeric (5)	Total amount of the sale	108

States 1 (Secondary)

Field	Key	Format	Description	Example
State	PK	char (2)	2-letter US Postal Service abbreviation for the state	MS
Name		varchar (25)	Official name of the state	Mississippi
Latitude		numeric (10, 5)	Latitude in decimal format	32.6082
Longitude		numeric (10, 5)	Longitude in decimal format	-89.7987
Population		numeric (10)	Number of people in the city	2988710
Area		numeric (20, 5)	Area in square miles	45241.4545
Density		numeric (20, 5)	Population density per square mile	66.06

Stores 1 (Primary)

Field	Key	Format	Description	Example
Store ID	PK	numeric (5)	Unique ID number for each store	5
Street		varchar (50)	Street part of the address: number, street name, street suffix, etc	1202 Broadway
City		varchar (50)	City name	Nashville
State		char (2)	2-letter US Postal Service abbreviation for the state	TN
ZIP Code		char (5)	5-digit ZIP code assigned by the US Postal Service	37203
Latitude		numeric (10, 5)	Latitude in decimal format	36.1568
Longitude		numeric (10,5)	Longitude in decimal format	-86.7881

ZIP Codes 1 (Secondary)

Field	Key	Format	Description	Example
ZIP Code	PK	char (5)	Official US Postal Service ZIP code	03301
Latitude		numeric (10, 5)	Latitude in decimal format	43.2243
Longitude		numeric (10, 5)	Longitude in decimal format	-71.5434
City		varchar (50)	City name	Concord
State		char (2)	2-letter US Postal Service abbreviation for the state	NH
Population		numeric (10)	Number of people in that ZIP code	33004
Area		numeric (20, 5)	Area in square miles	49.3911
Density		numeric (20, 5)	Population density per square mile	668.22
Time Zone		varchar (50)	Time zone in official ICANN "tz database" format	America / New York