

Primary

| Stores 1 | | |
|----------|-----------|-----------------|
| PK | Store ID | numeric (5) |
| | Street | varchar (50) |
| | City | varchar (50) |
| | State | char (2) |
| | ZIP Code | char (5) |
| | Latitude | numeric (10, 5) |
| | Longitude | numeric (10, 5) |
| | | |

| Sales 1 | | |
|--------------------|-------------|--------------|
| PK, FK PK FK | Store ID | numeric (5) |
| | Sale ID | numeric (10) |
| | Customer ID | numeric (5) |
| | Date | date |
| | Total | numeric (5) |

| Line Items 1 | | |
|------------------------------|--------------|--------------|
| PK, FK PK, FK PK FK | Store ID | numeric (5) |
| | Sale ID | numeric (10) |
| | Line Item ID | numeric (5) |
| | Product ID | numeric (5) |
| | Quantity | numeric (5) |

| Products 1 | | |
|------------|-------------|--------------|
| PK | Product ID | numeric (5) |
| | Description | varchar (25) |

| Holidays 1 | | |
|------------|-------------|--------------|
| PK | Date | date |
| | Description | varchar (25) |
| | Closed | boolean |

| Customers 1 | | |
|-------------|-------------|--------------|
| PK | Customer ID | numeric (5) |
| | First Name | varchar (25) |
| | Last Name | varchar (25) |
| | Street | varchar (50) |
| | City | varchar (50) |
| | State | char (2) |
| | ZIP Code | char (5) |
| FK | Store ID | numeric (5) |
| | Distance | numeric (5) |

Secondary

| ZIP Codes 1 | | |
|-------------|------------|-----------------|
| PK | ZIP Code | char (5) |
| | Latitude | numeric (10, 5) |
| | Longitude | numeric (10, 5) |
| | City | varchar (50) |
| | State | char (2) |
| | Population | numeric (10) |
| | Area | numeric (20, 5) |
| | Density | numeric (20, 5) |
| | Time Zone | varchar (50) |
| | | |

| Cities 1 | | |
|----------|------------|-----------------|
| PK PK | City | varchar (50) |
| | State | char (2) |
| | Latitude | numeric (10, 5) |
| | Longitude | numeric (10, 5) |
| | Population | numeric (10) |
| | Area | numeric (20, 5) |
| | Density | numeric (20, 5) |
| | Time Zone | varchar (50) |

| States 1 | | |
|----------|------------|-----------------|
| PK | State | char (2) |
| | Name | varchar (25) |
| | Latitude | numeric (10, 5) |
| | Longitude | numeric (10, 5) |
| | Population | numeric (10) |
| | Area | numeric (20, 5) |
| | Density | numeric (20, 5) |