11.1.2 Integer Types (Exact Value) - INTEGER, INT, SMALLINT, TINYINT, MEDIUMIN	
BIGINT	1928
11.1.3 Fixed-Point Types (Exact Value) - DECIMAL, NUMERIC	
11.1.4 Floating-Point Types (Approximate Value) - FLOAT, DOUBLE	
11.1.5 Bit-Value Type - BIT	
11.1.6 Numeric Type Attributes	
11.1.7 Out-of-Range and Overflow Handling	
11.2 Date and Time Data Types	
11.2.1 Date and Time Data Type Syntax	
11.2.2 The DATE, DATETIME, and TIMESTAMP Types	
11.2.3 The TIME Type	
11.2.4 The YEAR Type	
11.2.5 Automatic Initialization and Updating for TIMESTAMP and DATETIME	
11.2.6 Fractional Seconds in Time Values	
11.2.7 Conversion Between Date and Time Types	
11.2.8 2-Digit Years in Dates	
11.3 String Data Types	
11.3.1 String Data Type Syntax	
11.3.2 The CHAR and VARCHAR Types	
11.3.3 The BINARY and VARBINARY Types	
11.3.4 The BLOB and TEXT Types	
11.3.5 The ENUM Type	1955
11.3.6 The SET Type	
11.4 Spatial Data Types	
11.4.1 Spatial Data Types	
11.4.2 The OpenGIS Geometry Model	
11.4.3 Supported Spatial Data Formats	
11.4.4 Geometry Well-Formedness and Validity	
11.4.5 Spatial Reference System Support	
11.4.6 Creating Spatial Columns	
11.4.7 Populating Spatial Columns	
11.4.8 Fetching Spatial Data	
11.4.9 Optimizing Spatial Analysis	
11.4.10 Creating Spatial Indexes	1976
11.4.11 Using Spatial Indexes	
11.5 The JSON Data Type	
11.6 Data Type Default Values	
11.7 Data Type Storage Requirements	1999
11.8 Choosing the Right Type for a Column	
11.9 Using Data Types from Other Database Engines	
Functions and Operators	
12.1 SQL Function and Operator Reference	
12.2 User-Defined Function Reference	
12.3 Type Conversion in Expression Evaluation	2022
12.4 Operators	
12.4.1 Operator Precedence	
12.4.2 Comparison Functions and Operators	
12.4.3 Logical Operators	
12.4.4 Assignment Operators	
12.5 Flow Control Functions	
12.6 Numeric Functions and Operators	
12.6.1 Arithmetic Operators	
12.6.2 Mathematical Functions	
12.7 Date and Time Functions	2053

12