

# Wrapping Up

---



**Gerald Britton**

IT SOLUTIONS DESIGNER, SQL SERVER SPECIALIST

@GeraldBritton [www.linkedin.com/in/geraldbritton](http://www.linkedin.com/in/geraldbritton)



# Designing Tables

Creating Tables

Data Types

Normalization

Constraints



# Designing Views

Creating Views

Updateable Views

Indexed Views

Partitioned Views



# Other Table Types

**Partitioned**

**Columnstore**

**Graph**

**Memory-optimized**

**Temporal**

**External**



# Other Data Types

Data type	Application
float, real	Imprecise numeric values, measurements
binary, varbinary	Images, audio files, hashed passwords
rowversion	Automatically-generated binary numbers
hierarchyid	Represents a position in a hierarchy
uniqueidentifier	16-byte GUID – NEWID() function
xml	XML data, either typed or untyped
Spatial types	Geometry and geography
User-defined	Defined using .NET languages



# Summary

---



**Gerald Britton**

IT SOLUTIONS DESIGNER, SQL SERVER SPECIALIST

@GeraldBritton [www.linkedin.com/in/geraldbritton](http://www.linkedin.com/in/geraldbritton)

