## QUERYINGWITHTHESQLAPI

# RICH QUERY WITH SQL

#### Cosmos DB SQL

Special version of SQL designed for JSON .NET SDK also includes a LINQprovider

#### Work with JSON

Descend into any subsection of a document Iterate nested arrays for intra-document join Return documents as-is, or as custom shape

### Familiar keywords

SELECT, FROM, WHERE, JOIN, IN, BETWEEN, ORDER BY

## Example

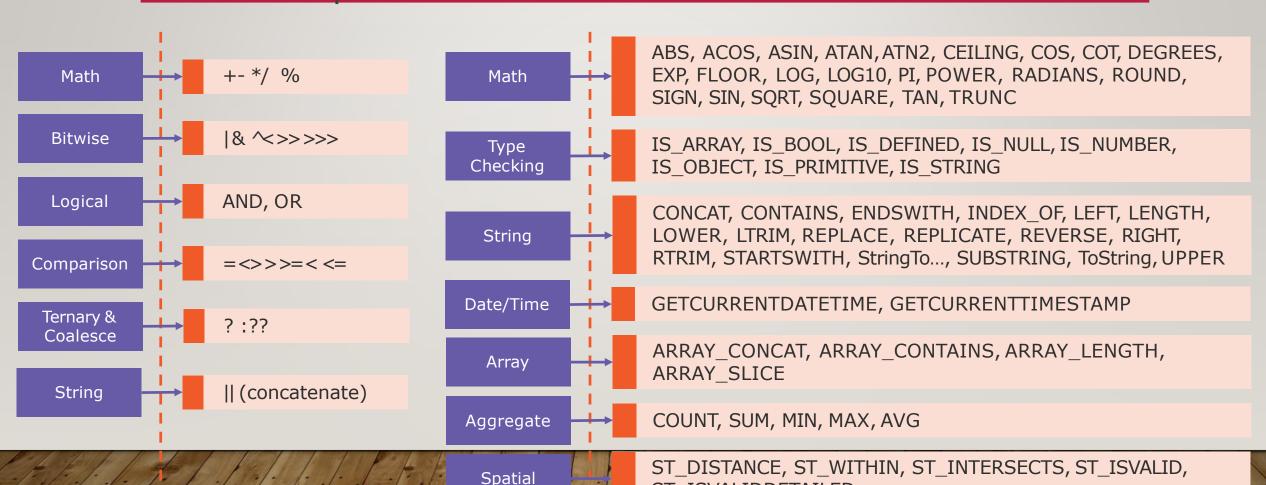
SELECT ch.name, ch.birthdate
FROM Families AS f
JOIN ch IN f.children
WHERE f.address.state = 'CA'

## SQL OPERATORS AND FUNCTIONS

## Common operators

## **Built-in functions**

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Simple SQL Query

Scalar Expression Queries

Query Operators and Built-in Functions

Querying a Container

More SQL Queries

**Aggregation Queries** 

**Spatial Queries** 

# QUERY DOCUMENTS USINGSQL ACCESSING NESTED DATA QUERY OPERATORS

## Summary



**Built-in functions** 

Projecting custom shapes

Range queries and sorting

Aggregation queries

Spatial queries