

Executing Geographic Analysis



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Azure Data Explorer

Nearby Events

Geofencing

Clustering

Geospatial Joins



Demo



Nearby Events



Demo



Geofencing



Demo



Clustering



S2 Cells vs Geohash

S2 Cell

31 levels of hierarchy

Cell on a sphere surface

Good preservation of cell center at deeper levels

Geohash

18 accuracy levels

Rectangular area on a plane surface

Common prefix can indicate proximity



Demo



Geospatial Joins



Up Next:
Performing Diagnostic and Root Cause
Analysis

