



Microsoft Fabric

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#FABCONSQLCON2026

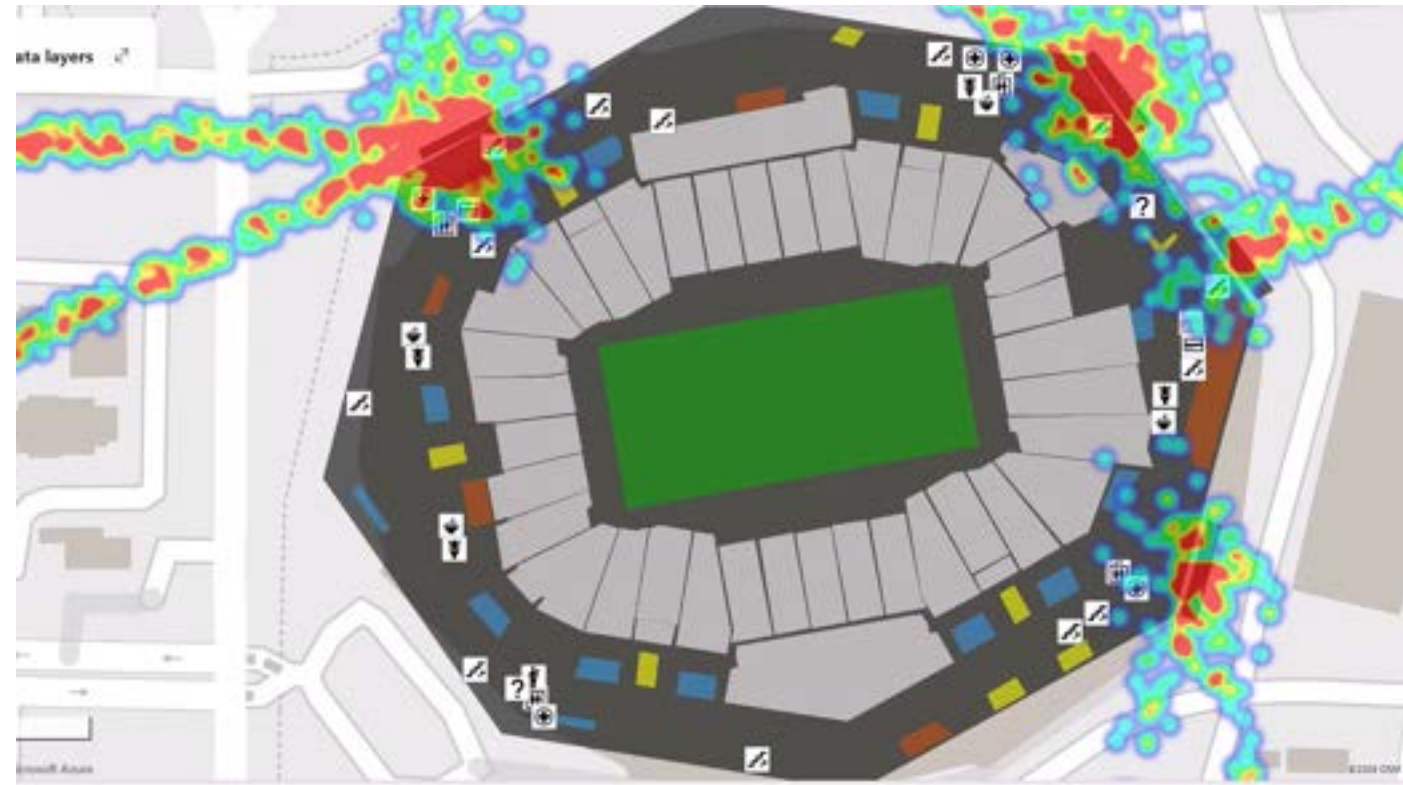
**FABCON**

Microsoft Fabric  
COMMUNITY CONFERENCE

**SQLCON**

Microsoft SQL  
COMMUNITY CONFERENCE

**ATLANTA** MARCH 16 - 20, 2026



# Geospatial Analytics with Maps in Fabric

Andre Terceros  
Johannes Kebeck

# Complex Data Estates – There is a Tool for Everything

The image displays a vast collection of logos for data and AI technologies, organized into several main categories:

- INFRASTRUCTURE:** Includes Storage (AWS, Azure, Google Cloud, IBM, Oracle, etc.), Data Lakes/Lakehouses (Databricks, Snowflake, etc.), Data Warehouses (Amazon Redshift, etc.), Streaming/In-Memory (Kafka, etc.), and various databases (NoSQL, Graph DBs, etc.).
- ANALYTICS:** Includes BI Platforms (Tableau, Power BI, etc.), Visualization (Looker, etc.), Data Analyst Platforms (Alteryx, etc.), and Customer Data Platforms (Segment, etc.).
- MACHINE LEARNING & ARTIFICIAL INTELLIGENCE:** Includes Data Science Notebooks (Databricks, etc.), Data Science Platforms (SAS, etc.), Enterprise ML Platforms (H2O, etc.), Data Generation & Labeling (Scale AI, etc.), MLOps (Weights & Biases, etc.), and various AI hardware and software solutions.
- APPLICATIONS - ENTERPRISE:** Includes Sales (Salesforce), Marketing (HubSpot), Customer Experience (Intercom), Human Capital (Workday), Automation & Operations (UiPath), and Decision & Optimization (Optimizely).
- APPLICATIONS - HORIZONTAL:** Includes Code & Documentation (Snyk), Text (OpenAI), Audio & Voice (Amazon Alexa), Image (OpenAI), Video Editing (Runway), and Search (Elasticsearch).
- APPLICATIONS - INDUSTRY:** Includes Finance & Insurance (Kensho), Healthcare (Tempus), Life Sciences (Illumina), Transportation (Uber), Aerospace (Boeing), Industrial & Logistics (DHL), and Govt & Intelligence (Palantir).
- OPEN SOURCE INFRASTRUCTURE:** Includes Frameworks (Kubernetes), Format (JSON), Query/Data Flow (Airflow), Data Access (dbt), Databases (PostgreSQL), OLAP (ClickHouse), Orchestration (Apache Kafka), Infra Structure (Docker), Data Ops (DataHub), Streaming & Messaging (Kafka), and Start Tools & Languages (Python, etc.).
- DATA SOURCES & APIs:** Includes Data Marketplaces & Discovery (Klarity), Financial & Market Data (Bloomberg), Air/Space/Sea (OpenSky), People/Entities (Epsilon), and Location Intelligence (Esri).
- DATA & AI CONSULTING:** Includes firms like Deloitte, IBM, Accenture, and others.

Version 1.0 - Feb 2023 © Matt Turck (@mattturck), Kevin Zhang (@ykevinzhang) & FirstMark (@firstmarkcap) Blog post: [mattturck.com/MAD2023](https://mattturck.com/MAD2023) Interactive version: [MAD.firstmarkcap.com](https://MAD.firstmarkcap.com) Comments? Email [MAD2023@firstmarkcap.com](mailto:MAD2023@firstmarkcap.com) **FIRSTMARK** EARLY STAGE VENTURE CAPITAL



# Microsoft Fabric

The unified data platform for AI transformation



Data  
Factory



Analytics



Databases



Real-Time  
Intelligence



IQ



Power BI

Fabric Platform



Copilot



OneLake



Governance

# Complex Data Estates – Spatial is still Special

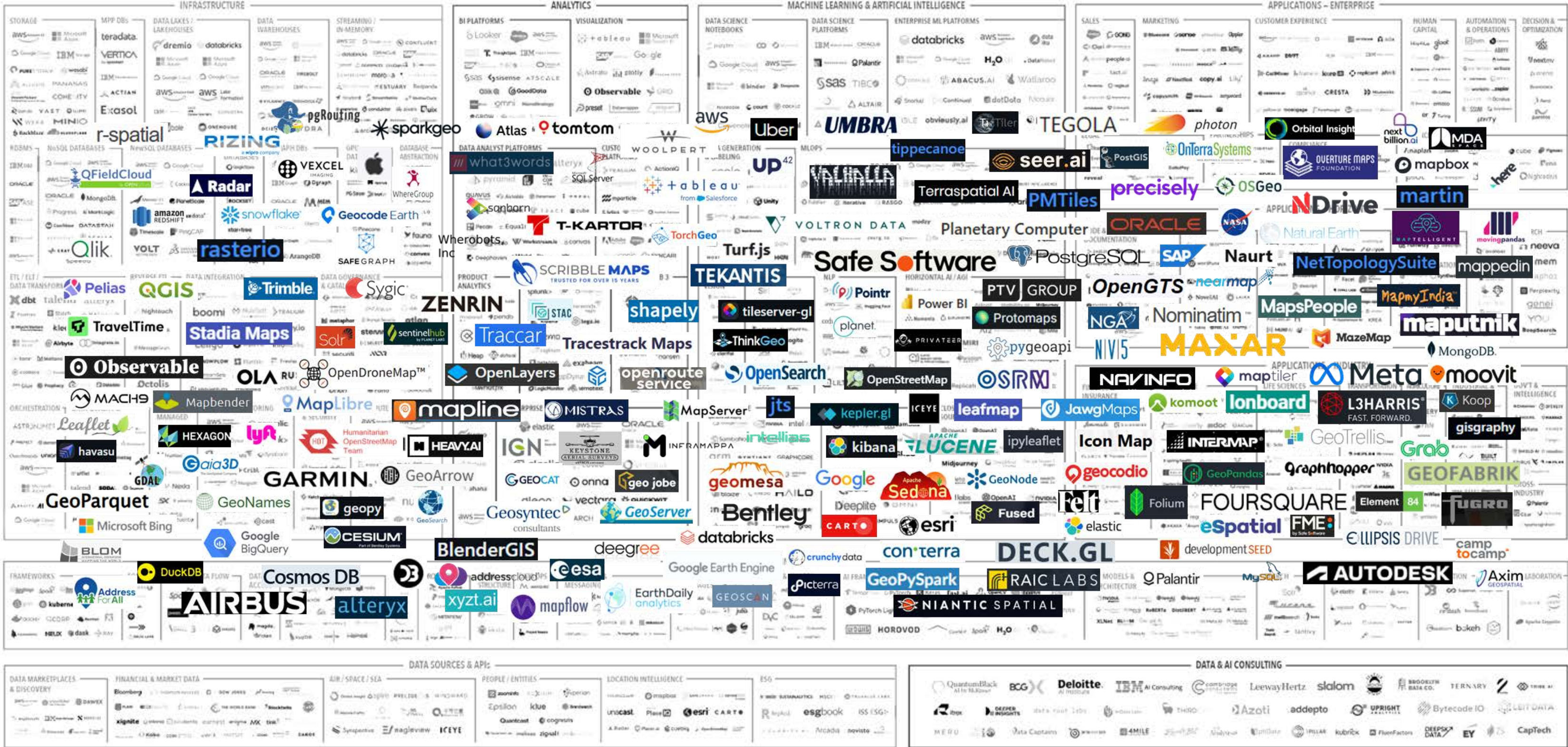
**Mirroring**  
**Data Enrichment**  
**Spatial Indexing**  
**Coordinate Systems**  
**Spatial Data Types**  
**Reference Data**  
**Geopolitical Representations**

**Geoparquet**  
**Data Visualization**  
**Spatial Data Formats**  
**Spatial Functions**  
**Projections**



Version 1.0 - Feb 2023 © Matt Turck (@mattturck), Kevin Zhang (@ykevinzhang) & FirstMark (@firstmarkcap) Blog post: [mattturck.com/MAD2023](https://mattturck.com/MAD2023)

# Complex Data Estates – Spatial is still Special



Version 1.0 - Feb 2023 © Matt Turck (@mattturck), Kevin Zhang (@ykevinzhang) & FirstMark (@firstmarkcap) Blog post: [mattturck.com/MAD2023](https://mattturck.com/MAD2023) Interactive version: [MAD.firstmarkcap.com](https://MAD.firstmarkcap.com) Comments? Email [MAD2023@firstmarkcap.com](mailto:MAD2023@firstmarkcap.com) **FIRSTMARK** EARLY STAGE VENTURE CAPITAL

# Maps in Fabric – Make Spatial not Special

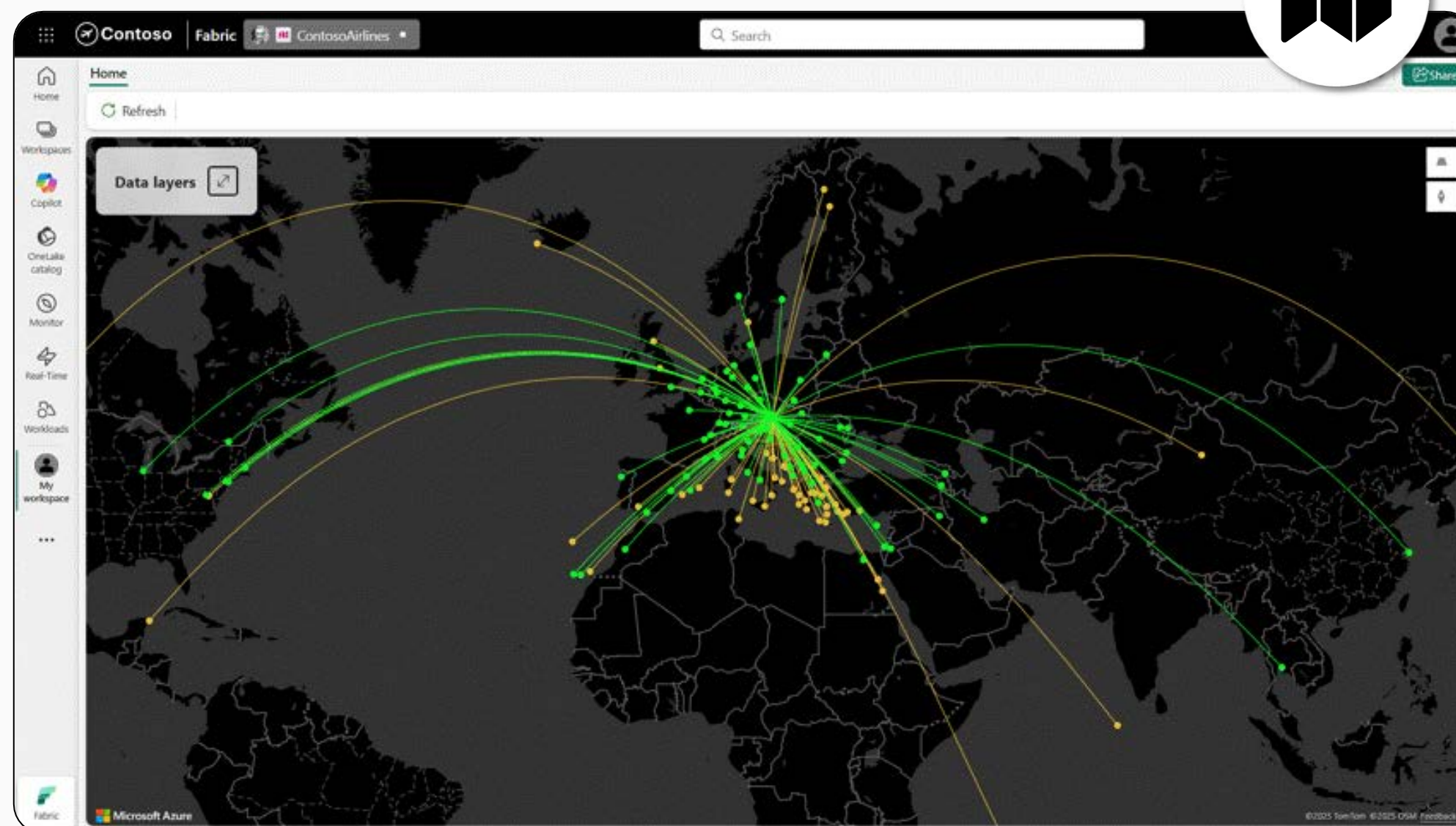
Public Preview

## Map

Create, customize, and consume map-centric applications using simple no-code experiences, with no GIS expertise required

Connect maps seamlessly to your live data in Eventhouse, Lakehouse, and OneLake

Optimize your operations with geospatial reasoning, analytics, and views



# Maps in Fabric – Make Spatial not Special

Generally Available

## Map

Create, customize, and consume map-centric applications using simple no-code experiences, with no GIS expertise required

Connect maps seamlessly to your live data in Eventhouse, Lakehouse, and OneLake

Optimize your operations with geospatial reasoning, analytics, and views





Home



Workspaces



Copilot



OneLake catalog



Monitor



Real-Time



Workloads



World Cup Ops



My workspace



...



Fabric

Home

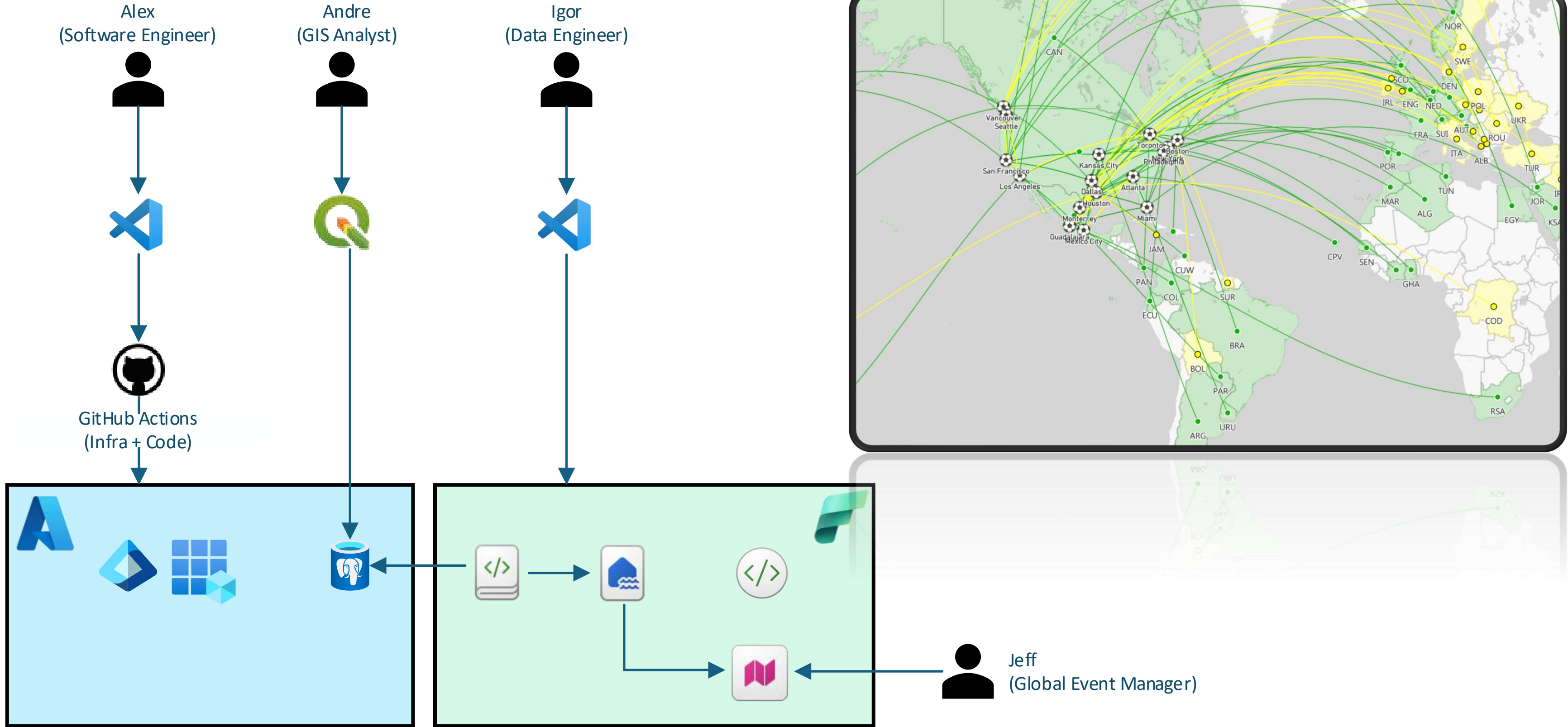
Refresh

Data layers [Link]



30 m

# Scenario & Personas – Complex Data



- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

jsedlak\_workspace

+ New item
New folder
Import
Migrate

jsedlak\_workspace > FabCon\_Demo

Name	Status	Type
Prep		Folder
LH_WorldCupOps		Lakehouse
<ul style="list-style-type: none"> <li>LH_WorldCupOps</li> </ul>		SQL

### New item

★ Favorites
All items

Filter by item type

- Activator**  
 Monitor datasets, queries, and event streams for patterns to trigger actions and alerts.
- Data agent**  
 Build a generative AI agent that understands your data and can answer complex questions in a variety of conversational interfaces.
- Environment**  
 Set up shared libraries, Spark compute settings, and resources for notebooks and Spark job definitions.
- Eventhouse**  
 Rapidly load structured, unstructured and streaming data for querying.
- Eventstream**  
 Capture, transform, and route real-time event stream to various destinations in desired format with no-code experience.
- Lakehouse**  
 Store big data for cleaning, querying, reporting, and sharing.
- Map**  
 Visualize and explore live geospatial data with real-time, interactive map views. [Learn more](#)
- Notebook**  
 Explore, analyze, and visualize data and build ML models. Supports Apache Spark, Python, T-SQL, and more.
- Ontology (preview)**  
 Unify enterprise semantics across data, models, and logic, to operationalize decision intelligence and context-aware AI agents. [Learn more](#)
- Operations agent (preview)**  
 Create an AI agent to monitor real-time data and recommend business actions.
- Org app (preview)**  
 Package and securely distribute content in your organization.

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

Explorer

Fabric items External sources Preview

+ Add

- Lakehouse
- KQL database
- Ontology (preview)

New Feature

Updated Feature

New Feature



No data sources added

5000 km

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

Home Editing ▾ Share

Save
Refresh
Settings
+ New tileset
Tileset activity
Map settings

Explorer ⏪

Fabric items External sources Preview

+ Add

- Lakehouse
- KQL base
- Ontology (preview)



No data sources added



Map navigation controls:

- Home
- Zoom In (+)
- Zoom Out (-)
- Map Style (Mountain)
- Full Screen

5000 km

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

Editing [Share]

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

Explorer

Files

Fabric items

External sources [Preview] Files > ... > Overture

+ Add

Search files

OneLake

LH\_WorldCupOps

Files

Icons

Vector

Overture

- omf\_division\_area\_host\_cities...
- omf\_division\_area\_teams\_not...
- omf\_division\_area\_teams\_quali...
- omf\_division\_host\_cities.geojsor
- omf\_division\_teams\_not\_yet\_q...
- omf\_division\_teams\_qualified...
- teams\_not\_yet\_qualified\_travel...
- teams\_qualified\_travel.geojson

- Show on map
- Create tileset
- Rename
- Delete



Home

Workspaces

Copilot

OneLake catalog

Monitor

Real-Time

Workloads

World Cup Ops

Home

New tileset Tileset activity Map settings

Explorer

Fabric items

+ Add

OneLake

- LH\_Wor
- Files

- Get data
- Tileset options
- Tileset layer options
- Tileset schedule (Preview) **New**
- Review and create

Convert spatial files into optimized vector tiles for high-performance mapping.

Create tileset

Schedule

+ Add schedule

Schedule type

Repeat

Daily

Time of day

12 : 00

+ Add time

Start date and time

3/8/2026

End date and time

3/8/2027

Time zone

(UTC-08:00) Pacific Time (US and Canada)

Save Cancel

Back Next

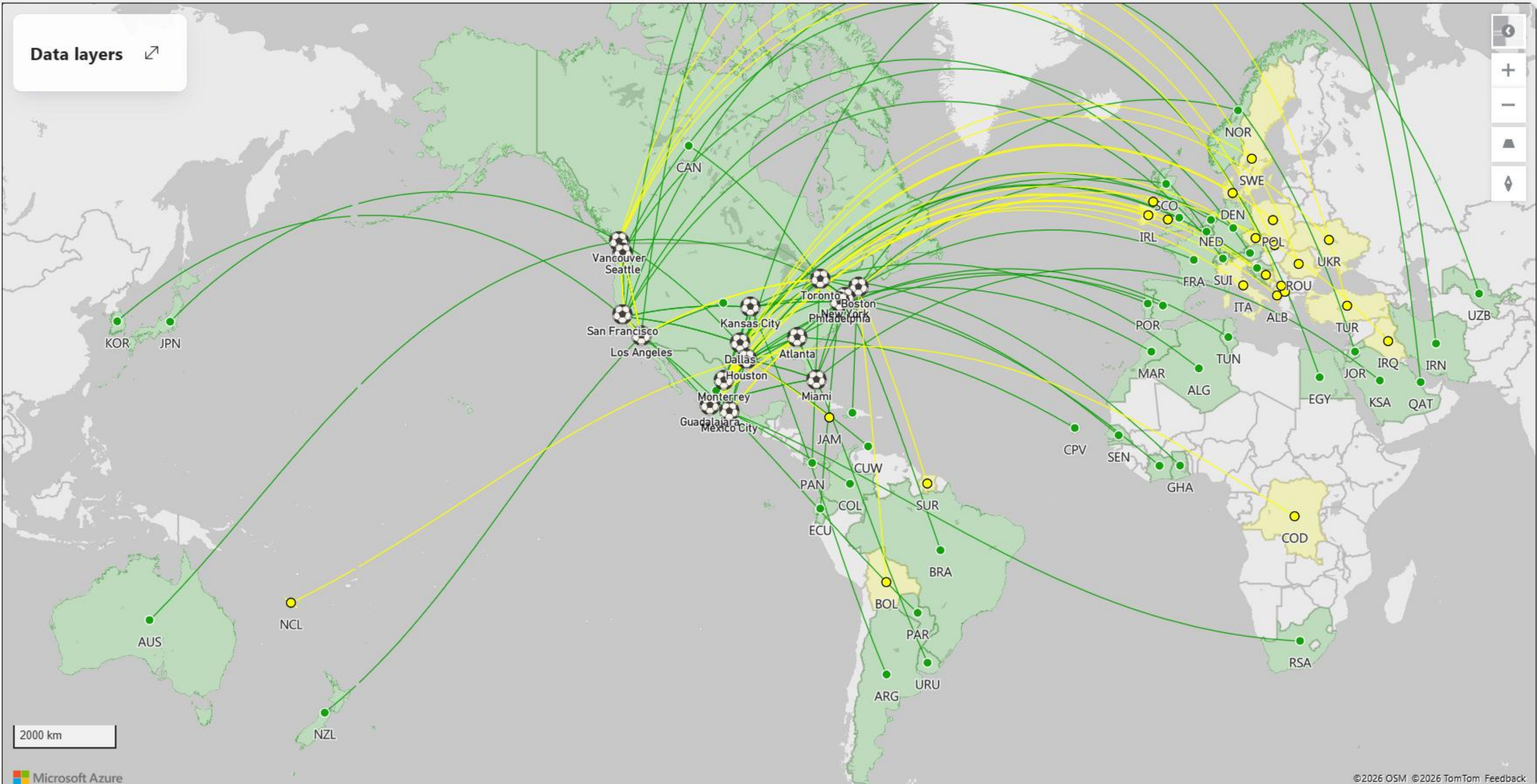


500 km

Mexico City

Explorer

Data layers



- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- Fabric

← Back > Tileset activity

Recent runs Schedule

Schedule Name	Job Type	Run	Schedule Type	Created by
teams_and_travel.pmtiles-2026-03-08T19:30:14-Pacific_Star <span>View details</span>	BuildTileset	<input checked="" type="checkbox"/>	Daily	Johannes Kebeck

Details

▼ Schedule

**Job ID**  
f3b772ae-533d-436c-9f6d-7d9a45cafaed

**Job Type**  
BuildTileset

**Enabled**  
Yes

**Schedule Type**  
Daily

**Time Zone**  
Pacific Standard Time

**Next Run**  
3/9/2026, 12:00 PM

**Last Update**  
3/8/2026, 7:30 PM

▼ Tileset Configuration

**Destination**  
Files/Vector/Overture/teams\_and\_travel.pmtiles

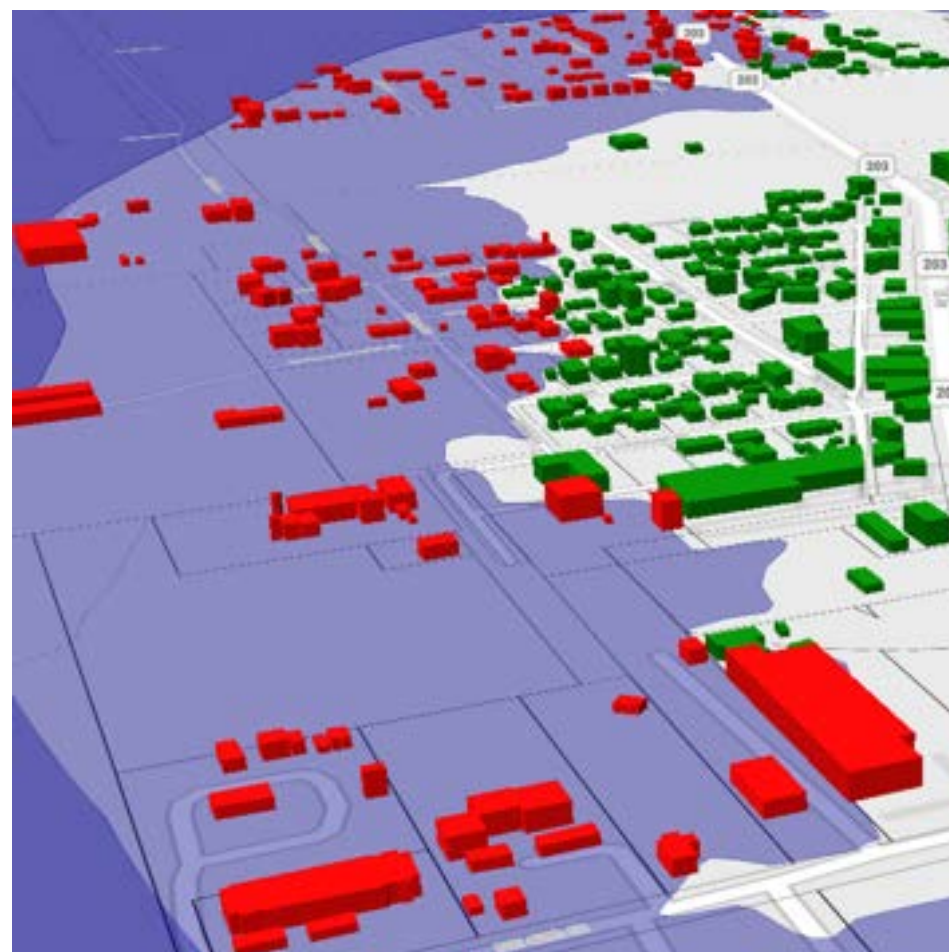
**Zoom Range**  
1 - 5

▼ Sources

**Path**  
Files/Vector/Overture/omf\_division\_area\_host\_cities.geojson

# Preparing Large Amounts of Geospatial Data

Protomap Tiles (PMTile) for Cost & Performance Optimization



1. Only data that won't occupy the same pixel
2. Compression

GeoJSON

0.5 MB County  
+ 7 MB Floodplains  
+ 504 MB Parcels  
+ 301 MB Buildings

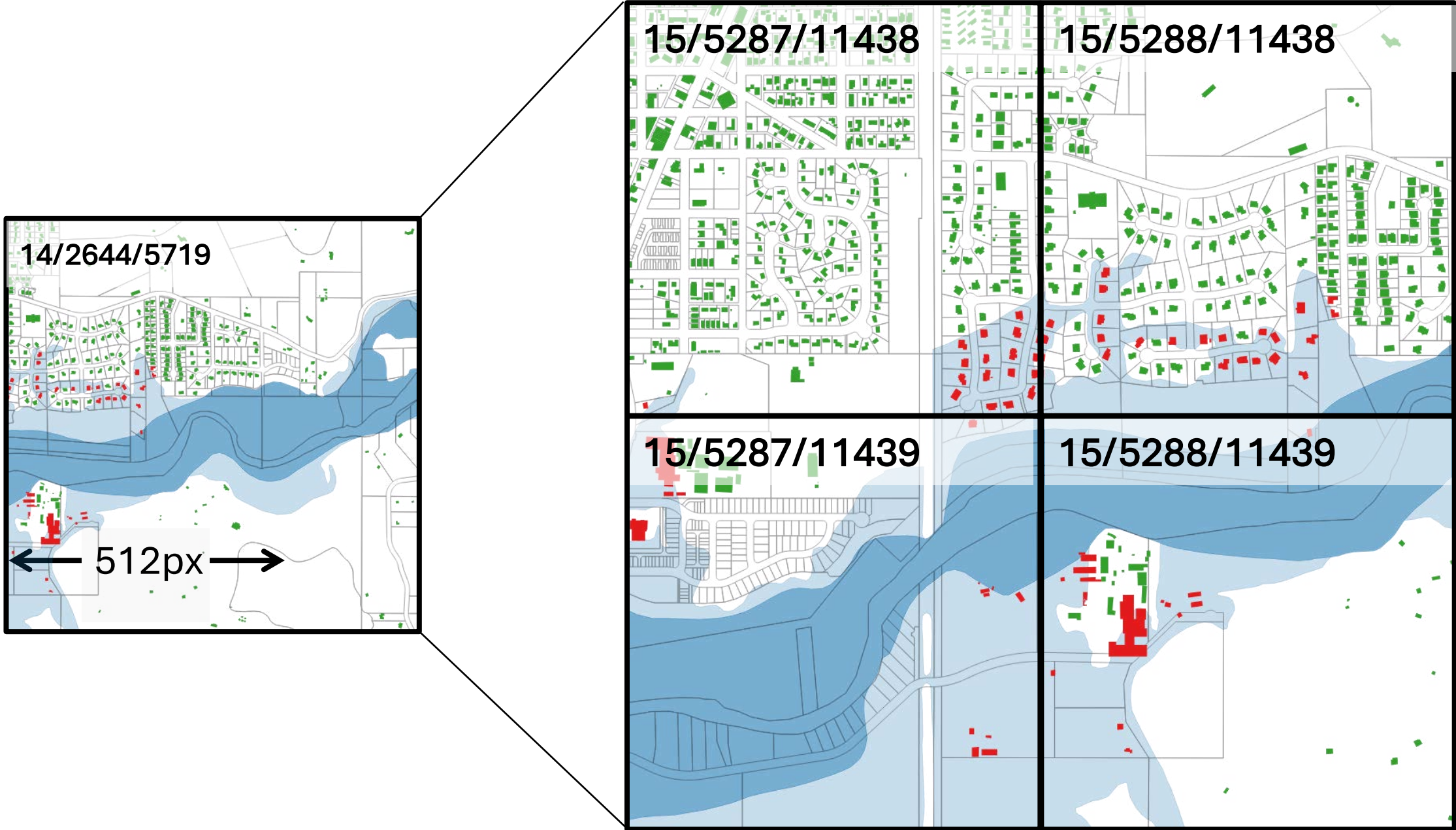
-----  
= 812 MB Total

PMTiles

-----  
181 MB Total

# Preparing Large Amounts of Geospatial Data

HTTP Range Queries to request only what fits on the screen with the right level of detail



**Example**  
Display: 1920x1080  
Scale: 125%  
Fullscreen

Level 14: 263 kB  
Level 15: 139 kB

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

+ New tileset Tileset activity Map settings

Layer: Contenders (Travel)

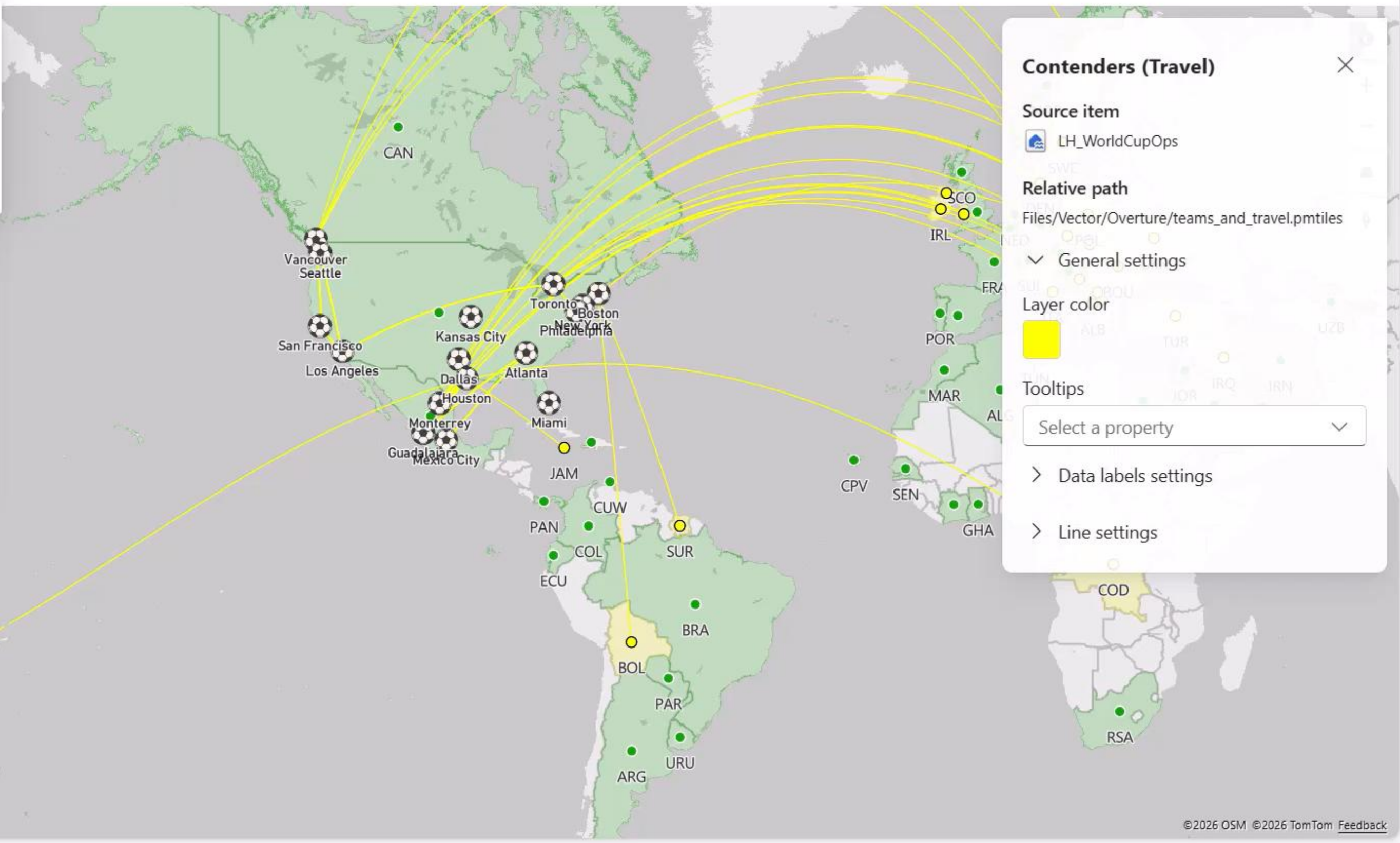
Add filter New filter Remove filters

Field name

Select a field

- id
- city
- date
- team
- segment

- Qualified (Travel)
- Contenders (Polygons)
- Qualified (Polygons)



Contenders (Travel)

Source item: LH\_WorldCupOps

Relative path: Files/Vector/Overture/teams\_and\_travel.pmtiles

General settings

Layer color: Yellow

Tooltips: Select a property

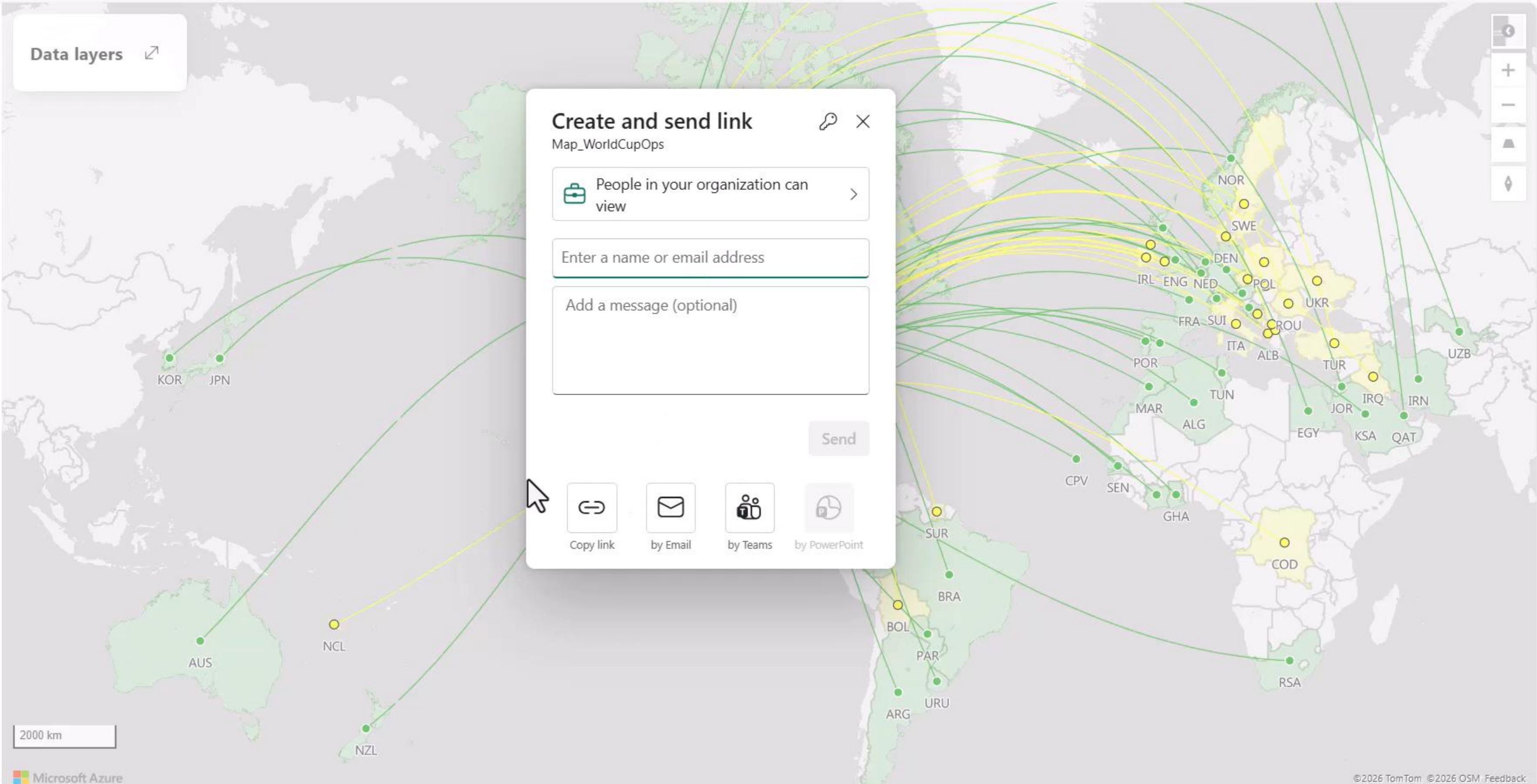
- Data labels settings
- Line settings

Home

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

Explorer Data layers [Link icon]

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...



### Create and send link

Map\_WorldCupOps

People in your organization can view

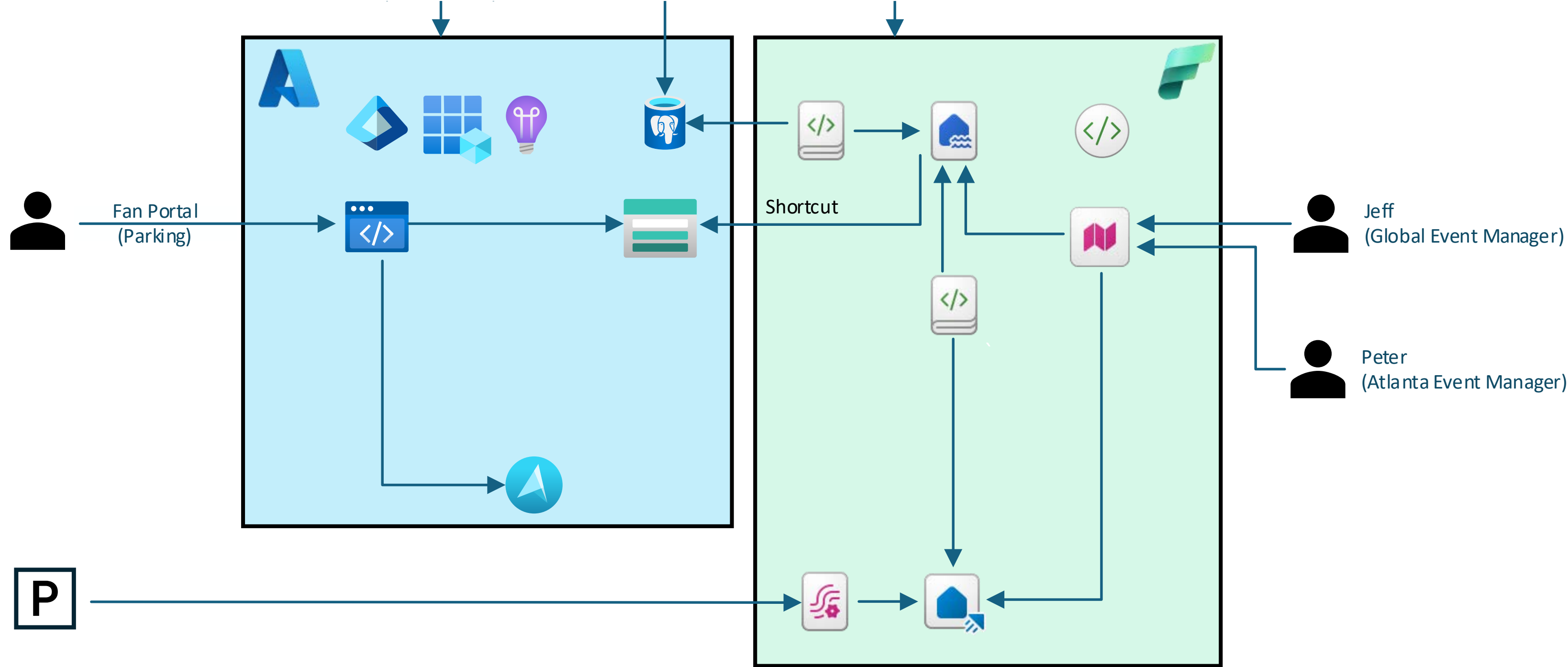
Enter a name or email address

Add a message (optional)

Send

Copy link by Email by Teams by PowerPoint

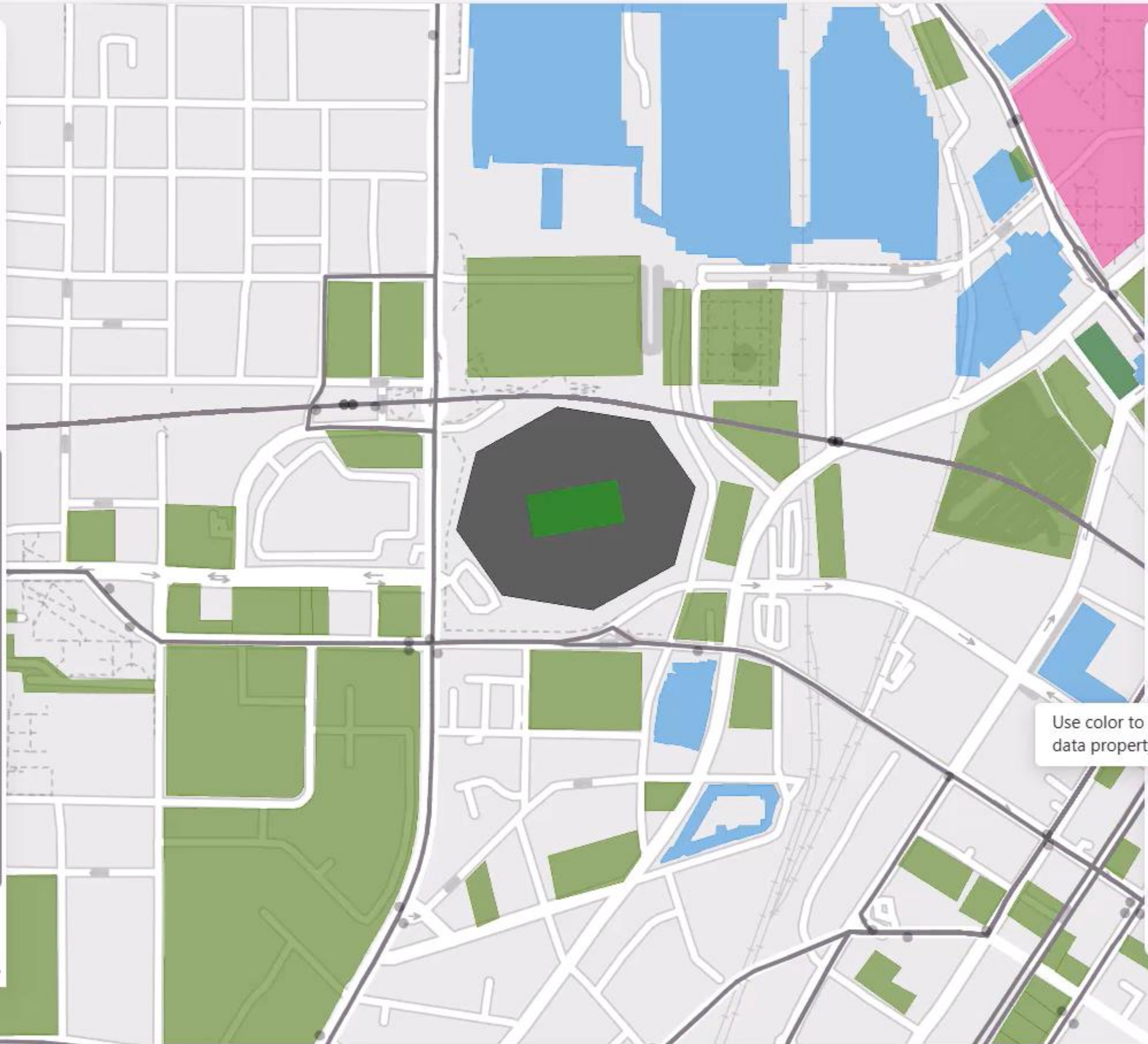
# Scenario & Personas – Real-Time Maps



Home

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

- Explorer**
- Data layers**
- MBS 100 (Stores)
  - MBS 100 (Blocks)
  - MBS Field Level (Blocks)
  - MBS Field
  - MBS (Gates)
  - MBS Building
  - Atlanta Bus Stops
  - Atlanta Bus Routes**
  - Atlanta Parking
  - Atlanta Fan Zones
  - Atlanta Hotels
  - Host Cities (Points)
  - Host Cities (Polygons)
  - Contenders (Points)
  - Qualified (Points)
  - Contenders (Travel)
  - Qualified (Travel)



**Atlanta Bus Routes**

Source item  
LH\_WorldCupOps

Relative path  
Files/Vector/Atlanta/transport\_and\_hospitality.p...

General settings

Layer color  
[Pink color swatch]

Tooltips  
Select a property

Data labels settings

Line settings

Stroke opacity  
100%

3px

Use color to categorize geometry by data property.

Enable data-driven styling (preview) **New**

Color by ⓘ  
Select a property

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

New tileset Tileset activity Map settings

Explorer

Fabric items

Add

OneLake

- EH\_WorldCupOps
  - Tables
  - Materialized Views
  - ParkingAvailability

- fx ParkingAvail...
- fx ParkingAvailabl...
- fx ParkingCritical
- fx ParkingLow

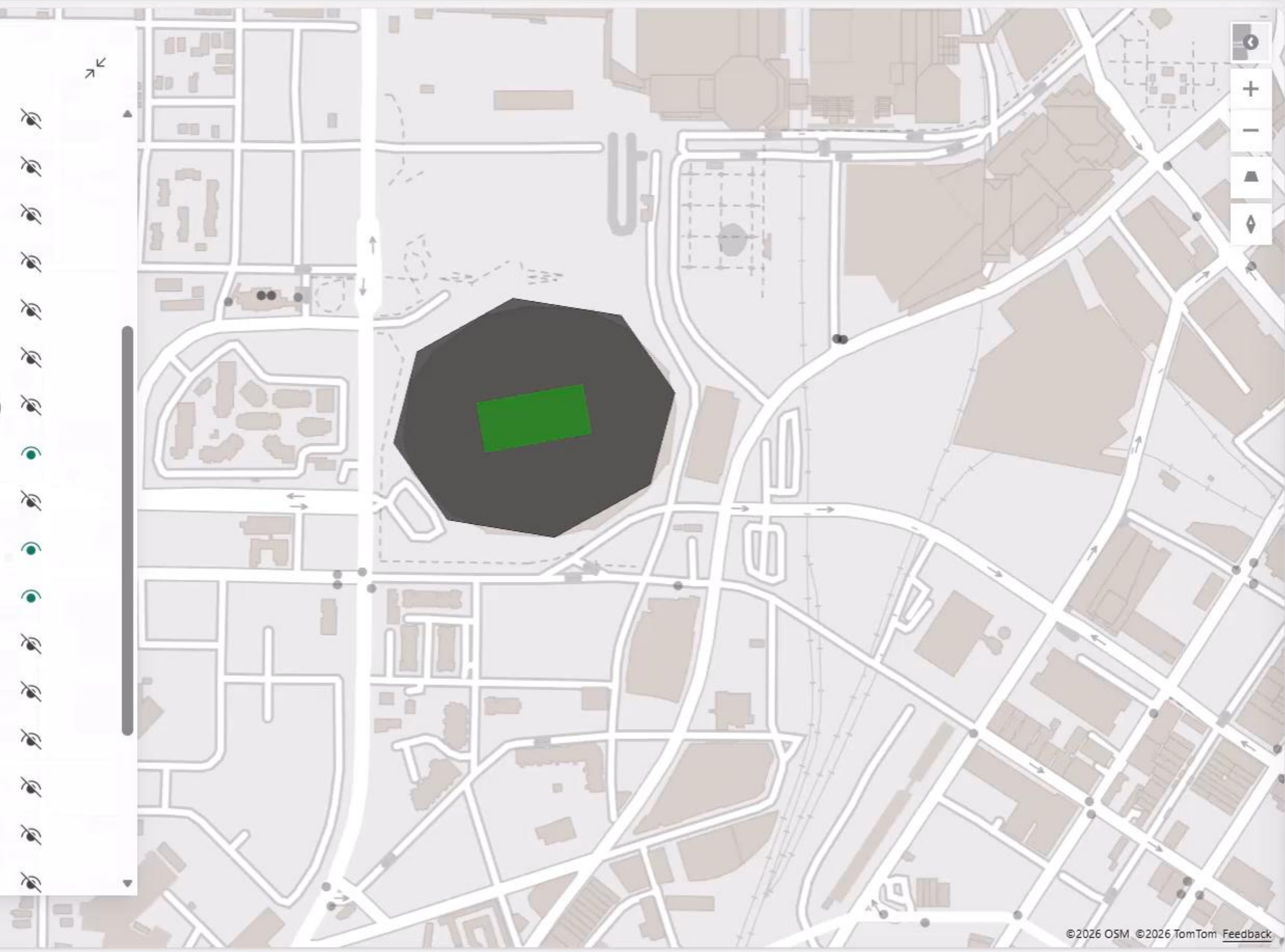
LH\_WorldCupOps

- Files
  - Icons
  - Vector
    - Atlanta
    - Overture
    - Stadium

Data layers

- MBS 100 (Stairs)
- MBS 100 (Elevator)
- MBS 100 (Eats)
- MBS 100 (Bars)
- MBS 100 (Stores)
- MBS 100 (Blocks)
- MBS Field
- MBS (Gates)
- MBS Building
- Atlanta Bus Stops
- Atlanta Bus Routes
- Atlanta Fan Zones
- Atlanta Hotels
- Host Cities (Points)
- Host Cities (Polygons)
- Contenders (Points)

fx ParkingAvailabl...  
 fx ParkingAvailabl...  
 fx ParkingCritical  
 fx ParkingLow



- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

Home

Refresh

Data layers

- MBS 100 (Stairs)
- MBS 100 (Elevator)
- MBS 100 (Eats)
- MBS 100 (Bars)
- MBS 100 (Stores)
- MBS 100 (Blocks)
- MBS Field Level (Blocks)
- MBS Field
- MBS (Gates)
- MBS Building
- Atlanta Bus Stops
- Atlanta Bus Routes
- Atlanta Parking
- Atlanta Fan Zones
- Atlanta Hotels
- Host Cities (Points)
- Host Cities (Polygons)



### Parking Availability

- Critical (< 10 % free)
- Low (10 – 29 % free)
- Available ( $\geq 30$  % free)
- Stadium

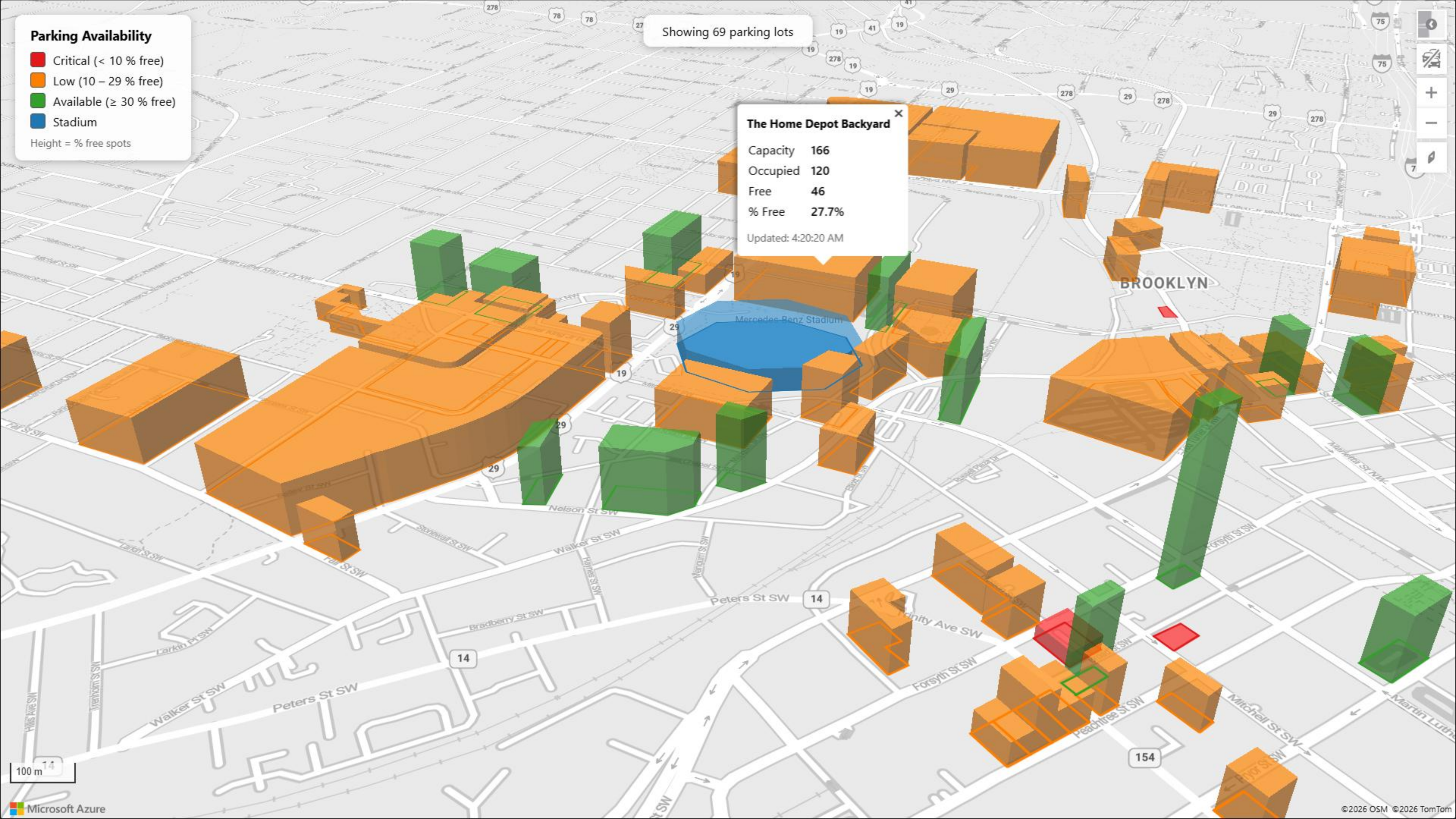
Height = % free spots

Showing 69 parking lots

#### The Home Depot Backyard

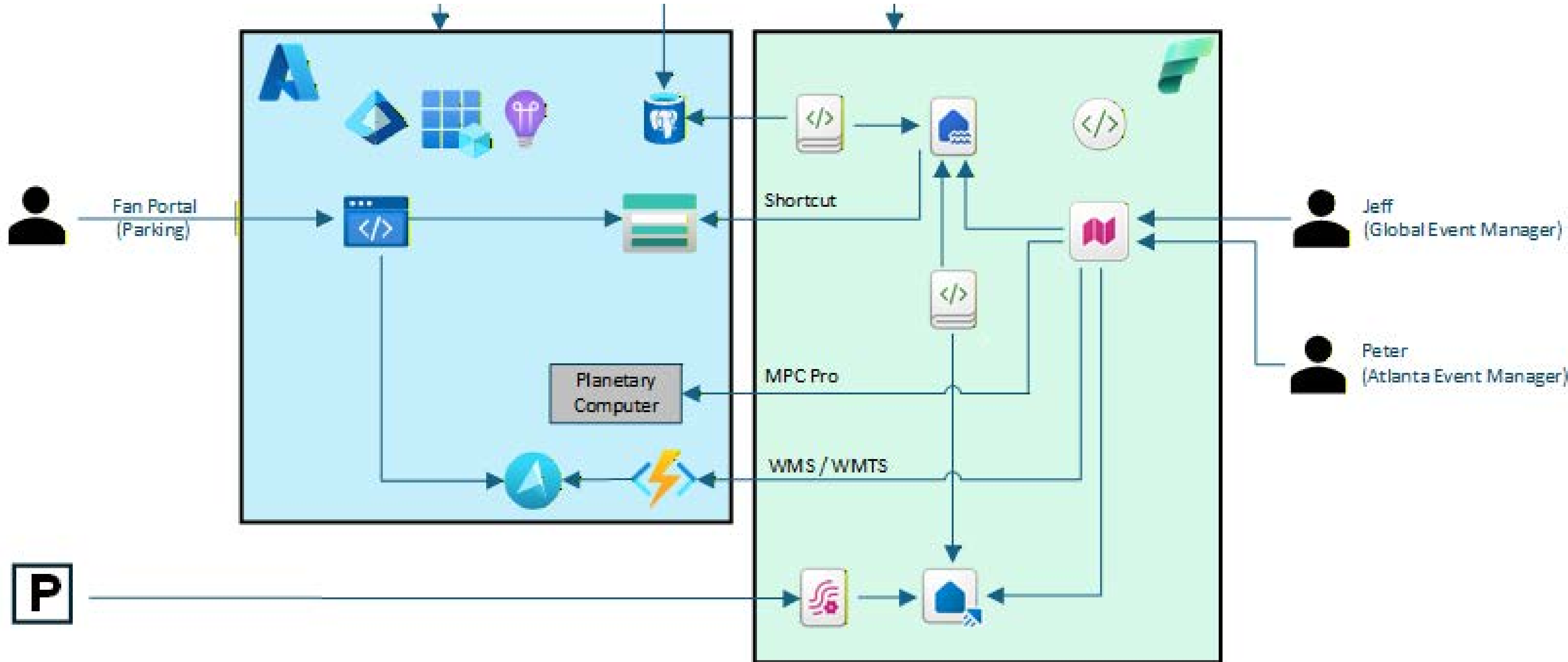
Capacity 166  
Occupied 120  
Free 46  
% Free 27.7%

Updated: 4:20:20 AM



100 m

# Scenario & Personas – External Services



+ New ? Get help

Feature flags All co

## Manage Connections and Gateways

**Connections** On-premises data gateways Virtual network data gateways Streaming virtual network data gateways Azure Key Vault referen

Cloud and data gateway connections for artifacts. [Learn more about supported connections.](#)

Name ↑	Connection type	Users	Status	Gateways
ABDS CAFF WMS	Fabric Maps	Azure Maps PM Team - FTE, Azure Map...	🔄	
ADLA_test	Azure Data Lake Analytics	All Users, Pradeep	🔄	
ADLSGen2_StarRocks_Testing	Azure Data Lake Storage G...	All Users, ANIL KUMAR, Store Data Engi...	🔄	
Ananke SEVAL Data Dev	SQL Server	All Users, Matt	🔄	
Anomaly Detection Pipelines	Fabric Data Pipelines	All Users, Data X, Game Pass Data Oper...	🔄	
AZDL2_Blueshift	Azure Data Lake Storage G...	All Users, Challa, Pradeep	🔄	
azureep.westus2.kusto.windows.net	Azure Data Explorer (Kusto)	All Users, Sean	🔄	
AzuretestDLA	Azure Data Lake Analytics	All Users, Challa, Pradeep	🔄	
C:\Users\jokebeck\OneLake - Micros...	File	Johannes	🔄	(Pe
CapacityMetricsCES	Capacity Metrics	Johannes	🔄	
ccpadcdevvm447r;BingMapsPlatfor...	SQL Server	Johannes	🔄	(Pe
Certification_dataset_PROD	Analysis Services	Everyone Microsoft FTE, Global Skilling ...	🔄	

## New connection

Currently, these cloud connections are not supported by Dataflows Gen1 and Datamarts. Dataflows Gen2 are only supported when CI/CD and Git integration is enabled. To create personal cloud connections for these experiences, please use the Dataflows Gen1 or Datamarts editor in "Get Data".

- On-premises
- Virtual network
- Streaming virtual network
- Cloud**

**Connection name \***

**Connection type \***

**Base Url \*** ⓘ

**Protocol \***

**API Key Name** ⓘ

**Authentication**  
**Authentication method \***

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

Editing [Share]

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

Explorer

Fabric items External sources Preview

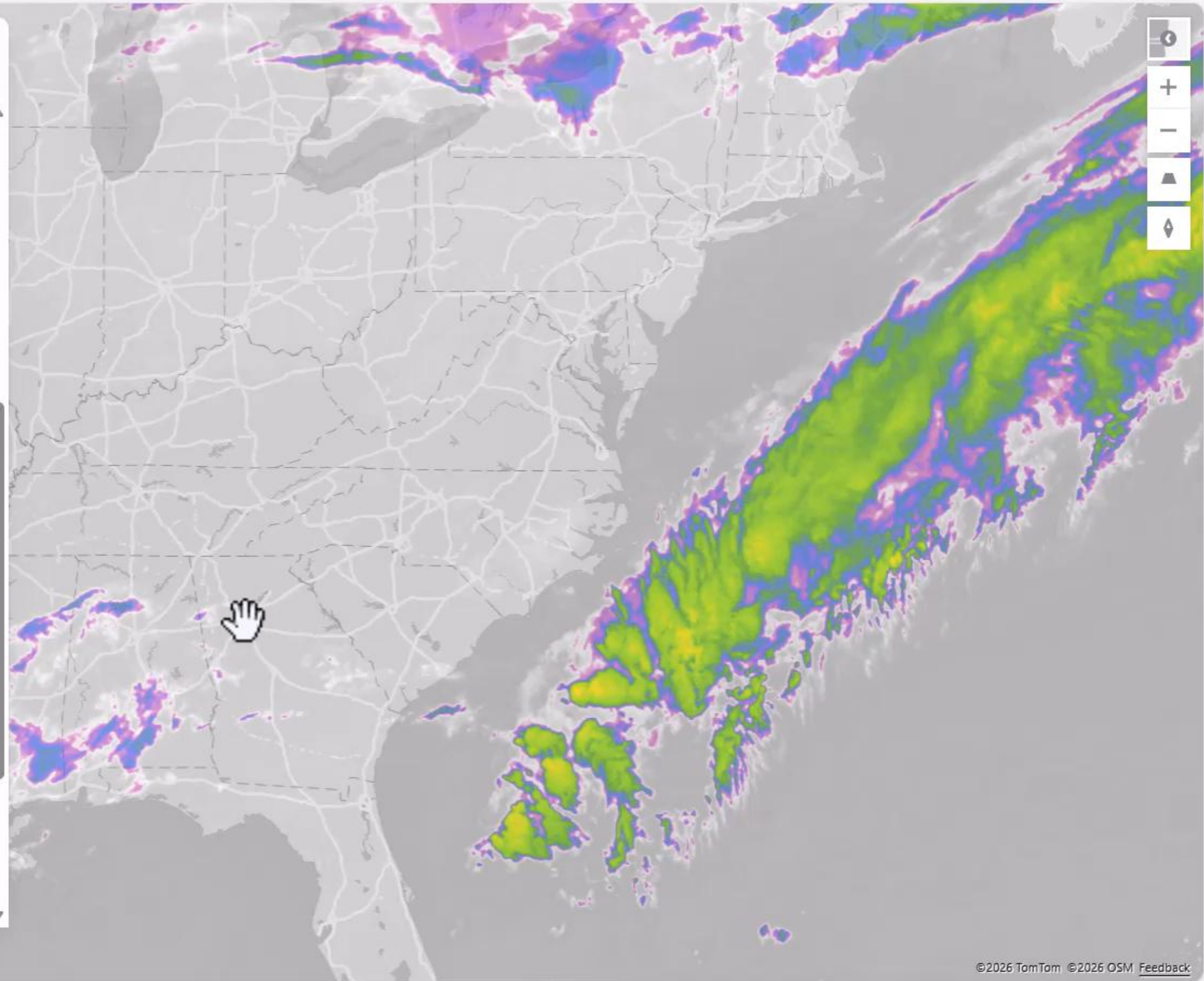
+ Add source

WMS/WMTS

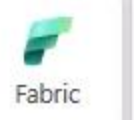
- jokebeck-fabcon-wmts
  - Traffic Flow
  - Weather Infrared
  - Weather Radar

Data layers

- MBS 100 (Stores) [Eye icon]
- MBS 100 (Blocks) [Eye icon]
- MBS Field Level (Blocks) [Eye icon]
- MBS Field [Eye icon]
- MBS (Gates) [Eye icon]
- MBS Building [Eye icon]
- Atlanta Bus Stops [Eye icon]
- Atlanta Bus Routes [Eye icon]
- Atlanta Parking [Eye icon]
- Atlanta Fan Zones [Eye icon]
- Atlanta Hotels [Eye icon]
- Traffic Flow [Eye icon]
- Weather Infrared [Eye icon]
- Weather Radar [Eye icon]
- Host Cities (Points) [Eye icon]
- Host Cities (Polygons) [Eye icon]
- Contenders (Points) [Eye icon]



[Home] [Full Screen] [Zoom In] [Zoom Out] [Reset View]



- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
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- World Cup Ops

+ New ? Get help

Feature flags All co

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Ananke SEVAL Data Dev	SQL Server	All Users, Matt	🔄
Anomaly Detection Pipelines	Fabric Data Pipelines	All Users, Data X, Game Pass Data Oper...	🔄
AZDL2_Blueshift	Azure Data Lake Storage G...	All Users, Challa, Pradeep	🔄
azureep.westus2.kusto.windows.net	Azure Data Explorer (Kusto)	All Users, Sean	🔄
AzuretestDLA	Azure Data Lake Analytics	All Users, Challa, Pradeep	🔄
C:\Users\jokebeck\OneLake - Micros...	File	Johannes	🔄
CapacityMetricsCES	Capacity Metrics	Johannes	🔄
ccpadcdevvm447r;BingMapsPlatfor...	SQL Server	Johannes	🔄
Certification_dataset_PROD	Analysis Services	Everyone Microsoft FTE, Global Skilling ...	🔄

## New connection

**Connection name \***  
jokebeck-fabcon-mpcp

**Connection type \***  
Microsoft Planetary Computer

**Base Url \*** ⓘ  
https://mpc4mapsinfabric.d7dwafhcrcad0fj.northcentralus.geoc...

**Protocol \***  
WMTS

**Authentication**

**Authentication method \***

- OAuth 2.0
- Anonymous

Allow this connection to be utilized with either on-premises data gateways or VNet data gateways. ⓘ

**General**

**Privacy level \***  
Organizational

Create Close

- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

Editing [Share]

[Save] [Refresh] [Settings] + New tileset [Tileset activity] [Map settings]

Explorer

Fabric items External sources Preview

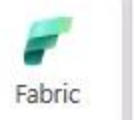
- + Add source
- WMS/WMTS
  - jokebeck-fabcon-wmts
  - jokebeeck-fabcon-mpcp
    - Atlanta Drone I...

Data layers

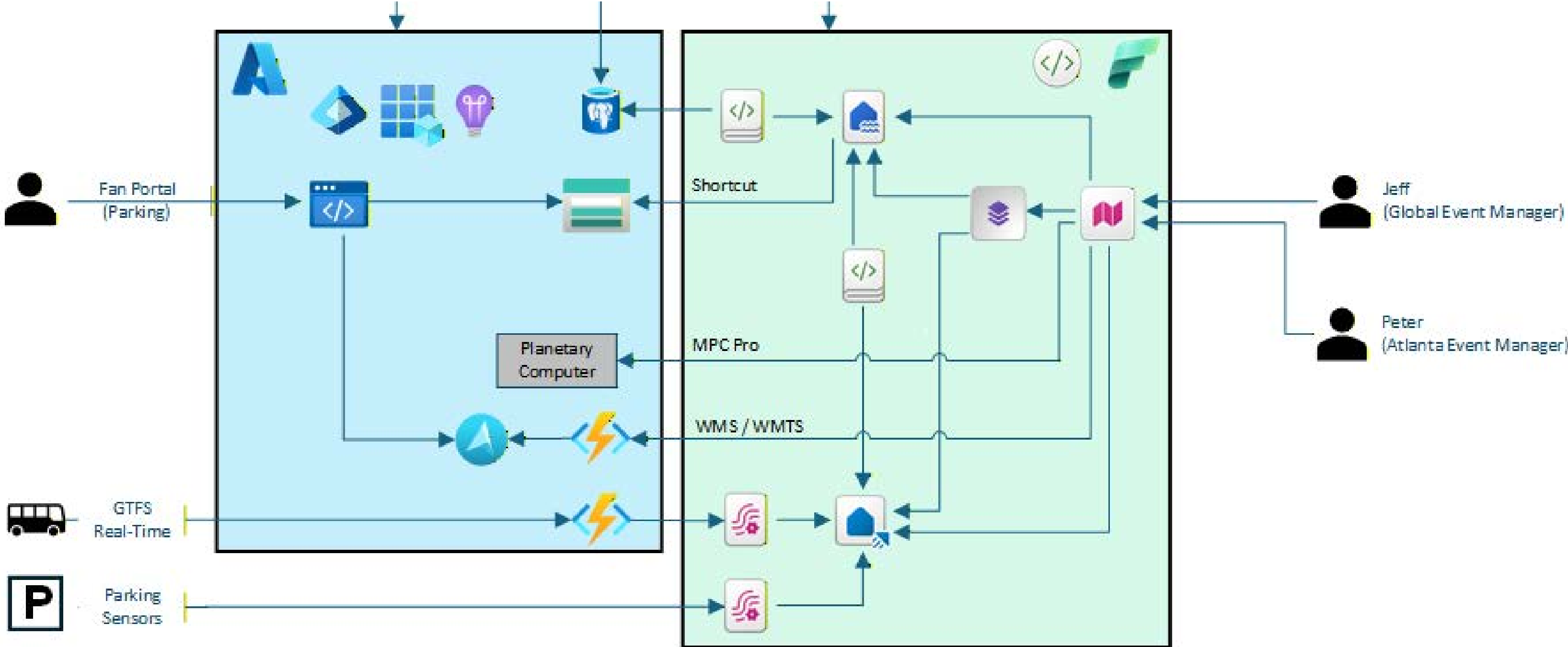
- MBS 100 (Guest Servic... [Eye icon]
- MBS 100 (Cash to Card) [Eye icon]
- MBS 100 (ATM) [Eye icon]
- MB1 100 (Mothers Ro... [Eye icon]
- Atlanta Drone Imagery (2025) [Eye icon]
- MBS 100 (RESTROOM) [Eye icon]
- MBS 100 (First Aid) [Eye icon]
- MBS 100 (Defibrillator) [Eye icon]
- MBS 100 (Water Foun... [Eye icon]
- MBS 100 (Stairs) [Eye icon]
- MBS 100 (Elevator) [Eye icon]
- MBS 100 (Eats) [Eye icon]
- MBS 100 (Bars) [Eye icon]
- MBS 100 (Stores) [Eye icon]
- MBS 100 (Blocks) [Eye icon]
- MBS Field Level (Blocks) [Eye icon]
- MBS Field [Eye icon]
- MBS (Gates) [Eye icon]



[Map navigation controls: Home, Zoom In, Zoom Out, Full Screen, Refresh]



# Scenario & Personas - Ontology





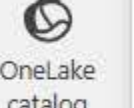
Home



Workspaces



Copilot



OneLake catalog



Monitor



Real-Time



Workloads



jsedlak\_work space

...



Fabric

Create queryset | Query builder | Run query | Clear query | Add filter | Remove filter | Reset filters | Diagram view

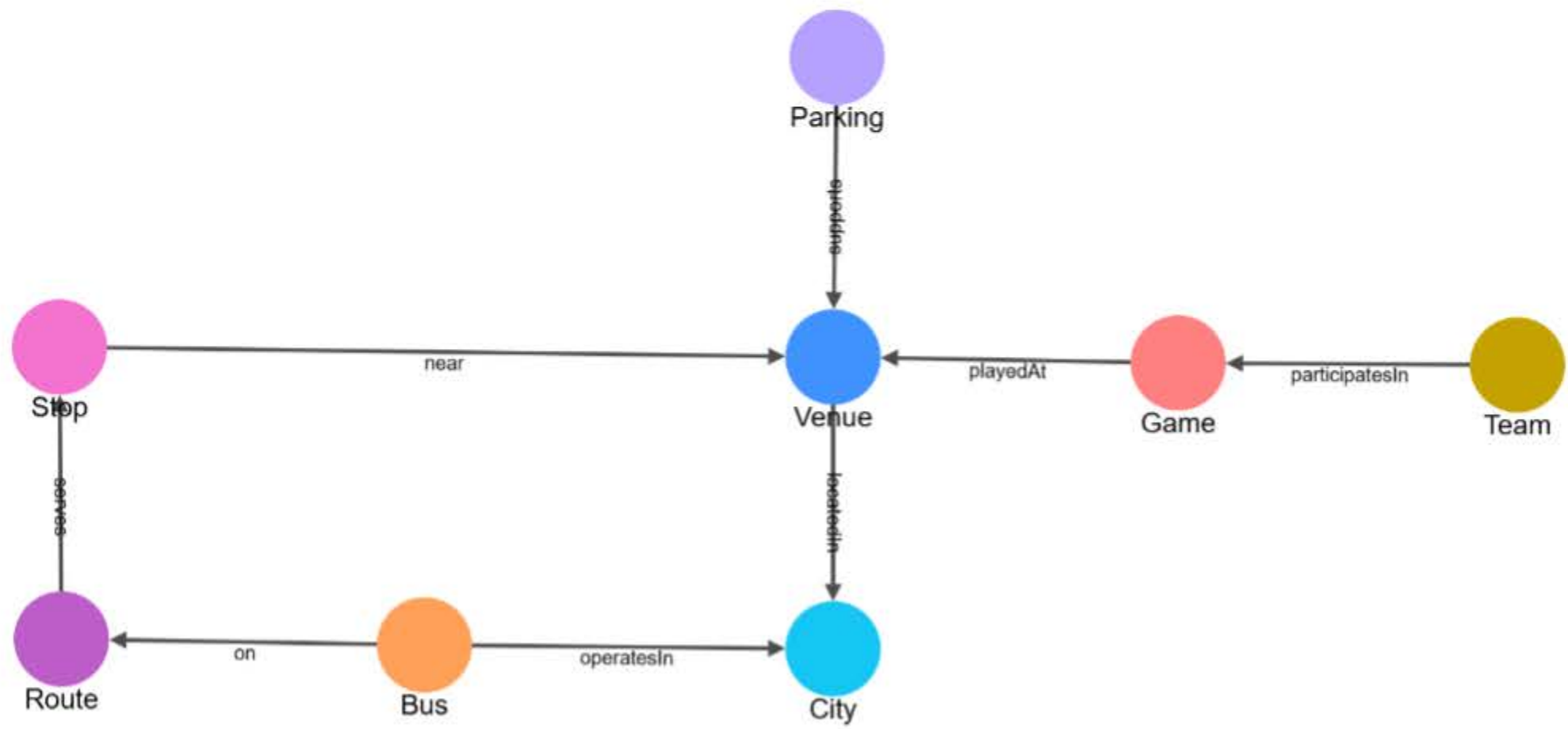
Modes

Model

Query

Query

City Venue Bus Route Stop Parking Team Game | locatedIn operatesIn on serves | near supports participatesIn playedAt



Components

Filter by keyword

Nodes (8)

- City
- Venue
- Bus
- Route
- Stop
- Parking
- Team
- Game

Edges (8)

- locatedIn
- operatesIn
- on
- serves
- near
- supports
- participatesIn
- playedAt

### Entity Types

Bus ...

### Ontology

**Bus**

2 bindings

### Entity type configuration

Base entity type: Loading...

Entity type name: Bus

Key: vehicle\_id

Instance display name:

Properties   **Bindings**   Report links

**Source table:** dim\_bus

**Data details:** jsedlak\_workspace / LH\_WorldCupOps / dbo

**Binding type:** Static

**Bound properties:** city\_id, route\_id, vehicle\_id

**Source table:** Atlanta\_GTFS

**Data details:** jsedlak\_workspace / EH\_WorldCupOps

**Binding type:** Timeseries

Home

+ New tileset | Tileset activity | Map settings

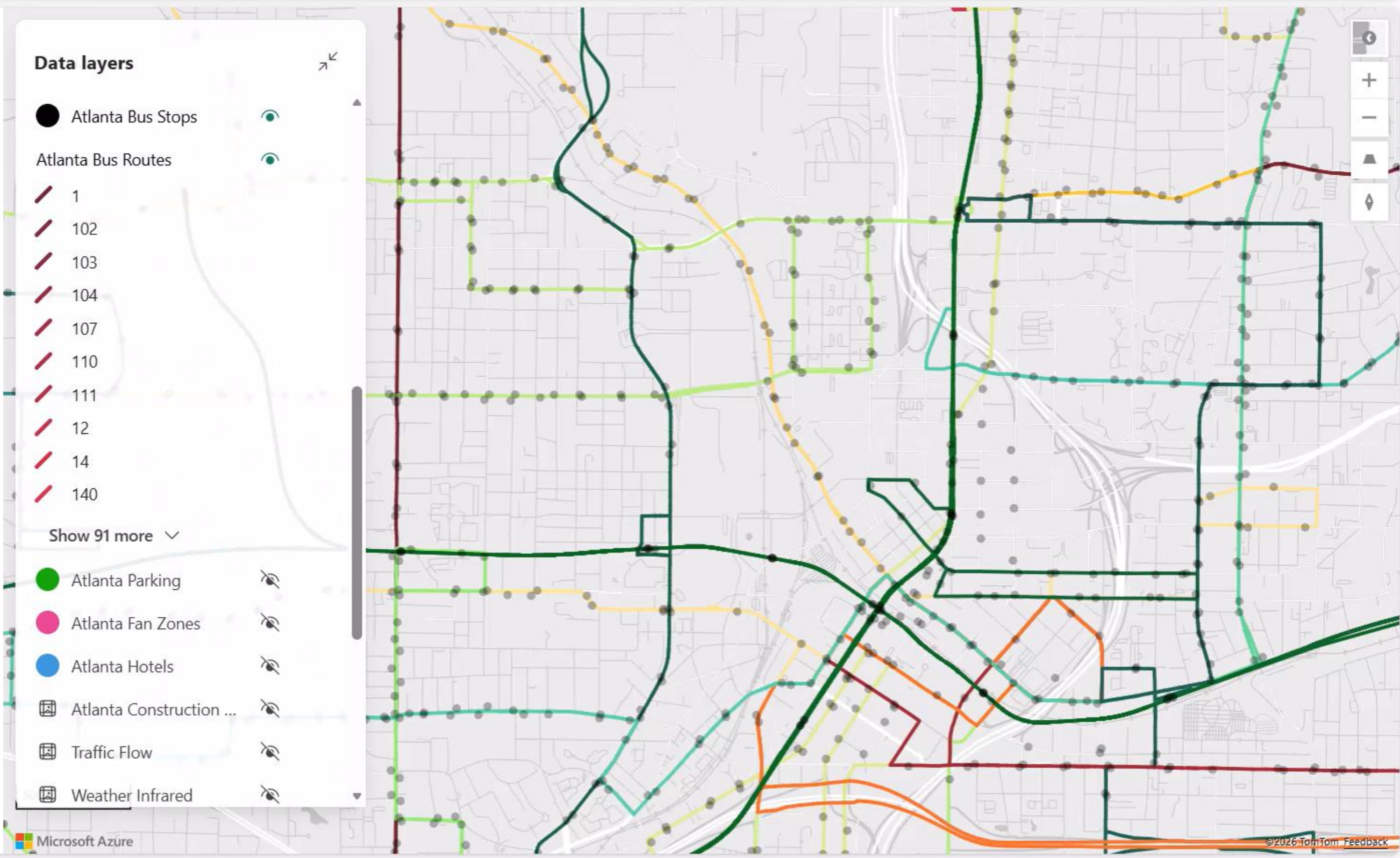
Explorer

Fabric items | External sources | Preview

- + Add
- Lakehouse
- KQL database
- Ontology (preview)

Data layers

- Atlanta Bus Stops
- Atlanta Bus Routes
  - 1
  - 102
  - 103
  - 104
  - 107
  - 110
  - 111
  - 12
  - 14
  - 140
- Show 91 more
- Atlanta Parking
- Atlanta Fan Zones
- Atlanta Hotels
- Atlanta Construction ...
- Traffic Flow
- Weather Infrared





- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

+ New tileset Tileset activity Map settings

### Explorer

Fabric items External sources Preview

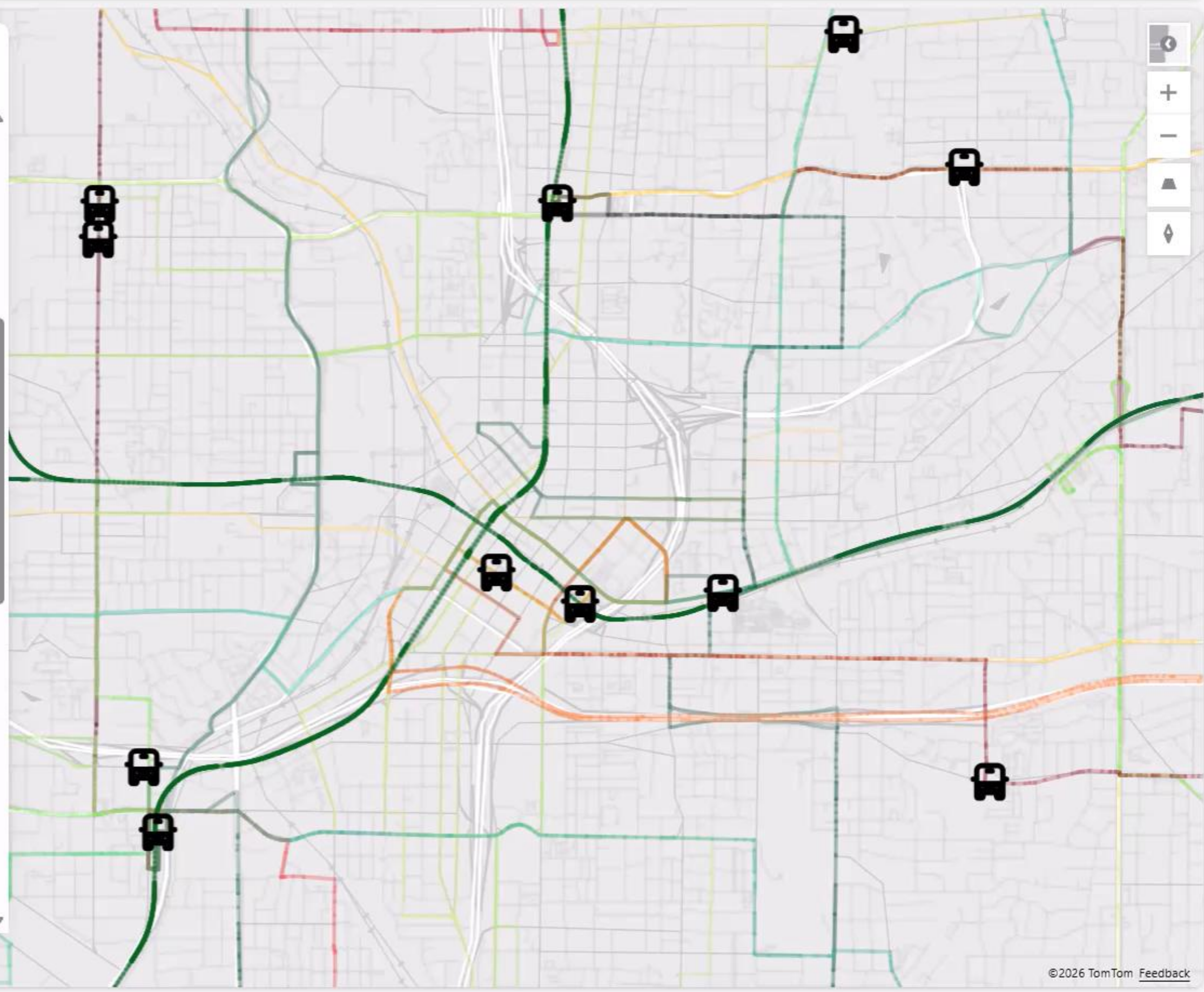
+ Add

OneLake

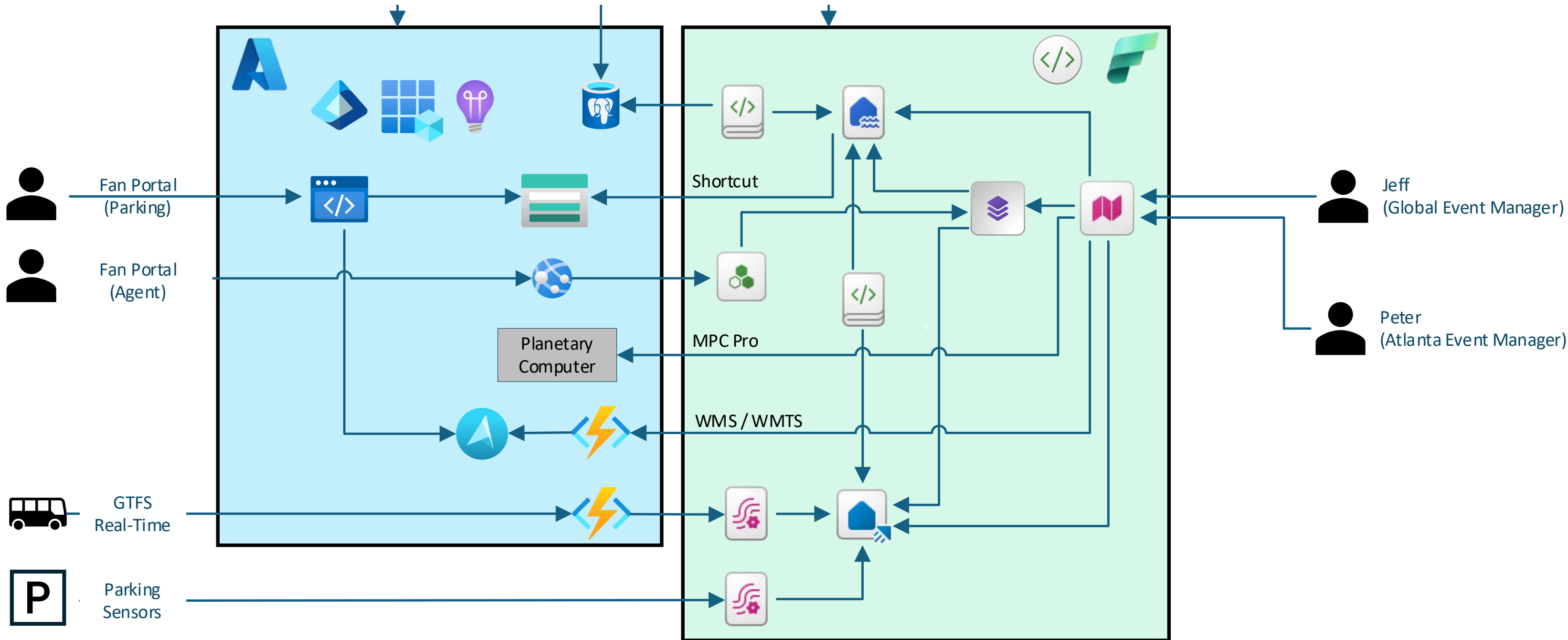
- ON\_WorldCupOps
  - Bus
- EH\_WorldCupOps
- LH\_WorldCupOps

### Data layers

- MBS 100 (Bars)
- MBS 100 (Stores)
- MBS 100 (Blocks)
- MBS Field Level (Blocks)
- MBS Field
- MBS (Gates)
- MBS Building
- Atlanta Bus
- Atlanta Bus Stops
- Atlanta Bus Routes
  - 1
  - 102
  - 103
  - 104
  - 107
  - 110
  - 111
  - 12



# Scenario & Personas - Agents



3. \*\*Seattle, USA\*\* - (47.6038321, -122.330062)
4. \*\*Miami, USA\*\* - (25.7741566, -80.1935973)
5. \*\*Boston, USA\*\* - (42.3588336, -71.0578303)
6. \*\*Monterrey, Mexico\*\* - (25.6802019, -100.315258)
7. \*\*Philadelphia, USA\*\* - (39.9527237, -75.1635262)
8. \*\*Toronto, Canada\*\* - (43.6534817, -79.3839347)
9. \*\*Los Angeles, USA\*\* - (34.0536909, -118.242766)
10. \*\*Atlanta, USA\*\* - (33.7544657, -84.3898151)
11. \*\*San Francisco, USA\*\* - (37.7879363, -122.4075201)
12. \*\*New York, USA\*\* - (40.7127281, -74.0060152)
13. \*\*Vancouver, Canada\*\* - (49.2608724, -123.113952)
14. \*\*Mexico City, Mexico\*\* - (19.4326296, -99.1331785)

These cities are confirmed as match hosts for the 2026 FIFA World Cup.

Bolivia may still qualify. If they do, in which venues would the games take place?

If Bolivia qualifies, their games would take place at the following venues:

1. Gillette Stadium (42.090906, -71.264375)
2. BMO Field (43.633243, -79.418726)
3. Lincoln Financial Field (39.900782, -75.16747)

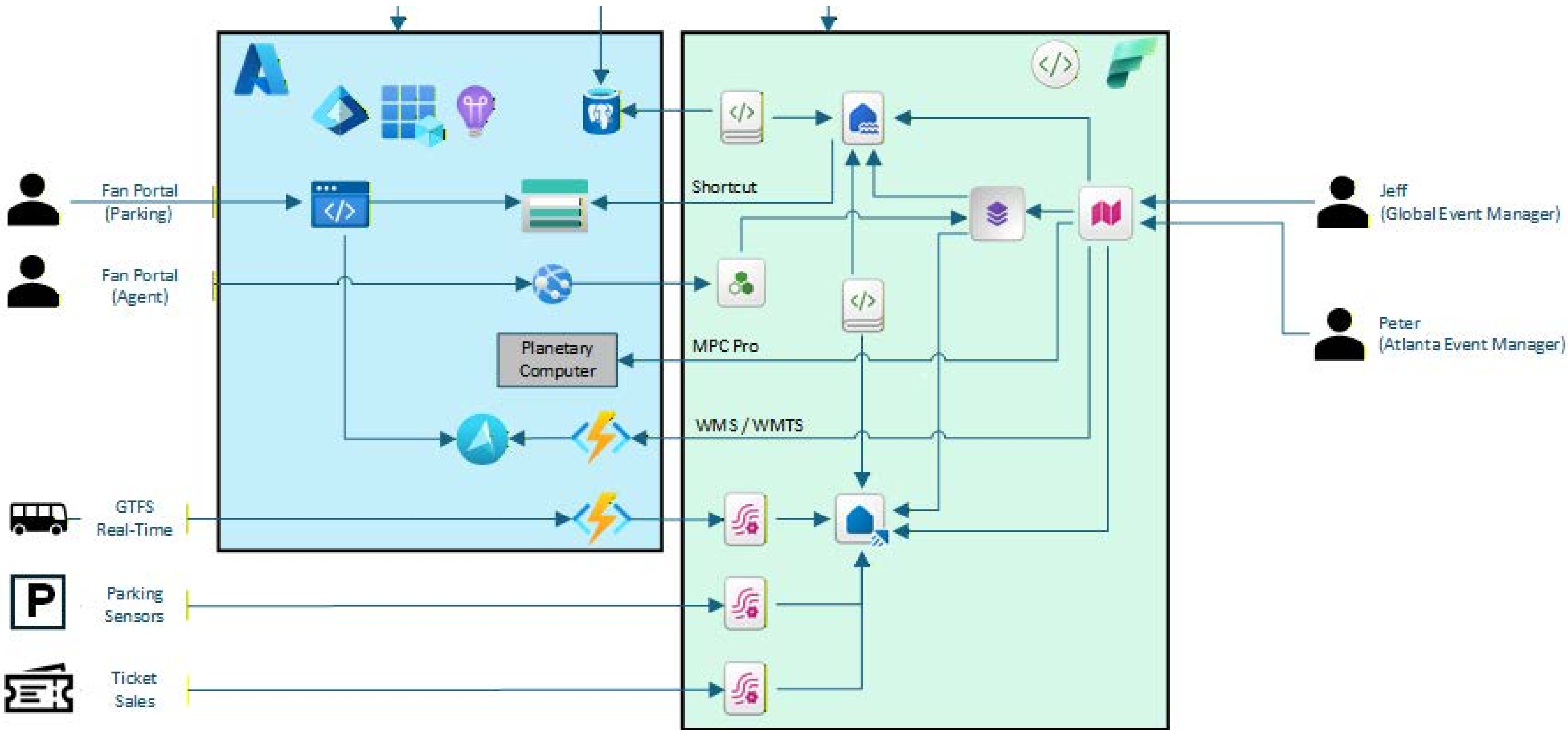
These are the stadiums and their exact locations where Bolivia is scheduled to play during the FIFA World Cup 2026.

Ask your data agent a question

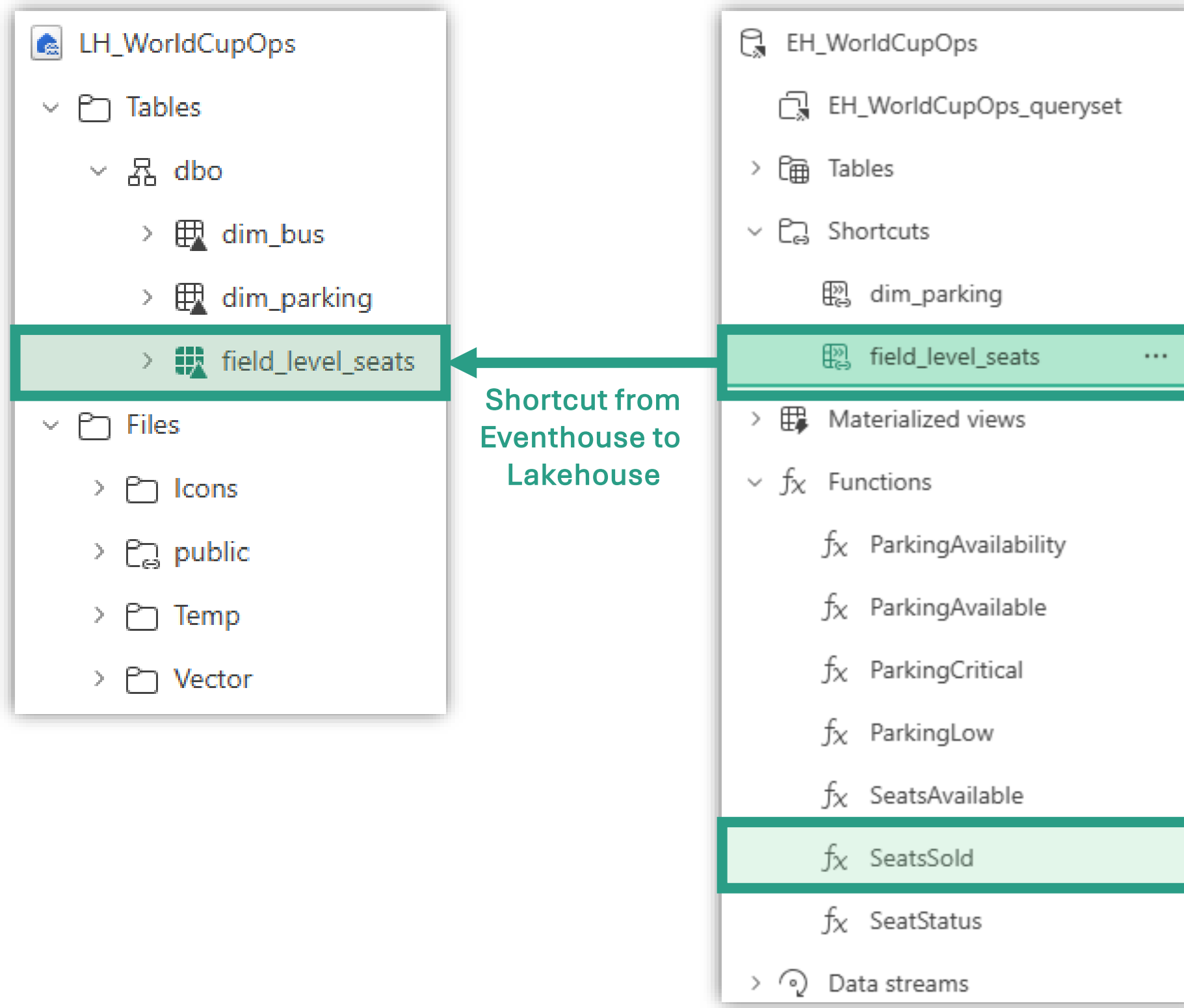
Send



# Scenario & Personas – Zooming In



# Tip : Not everything needs to be in a message (or in the Ontology)



```
.create-or-alter function SeatsSold() {  
  Atlanta_Seats_Field_Level  
  | extend fid = tolong(fid)  
  | summarize arg_max(sold_at, status) by fid  
  | where status == "sold"  
  | join kind=inner (  
    external_table('field_level_seats')  
    | extend fid = tolong(fid)  
    | project fid,  
              block = tostring(block),  
              level = tostring(level),  
              geometry = tostring(geometry)  
  ) on fid  
  | project fid,  
            block,  
            level,  
            status,  
            sold_at,  
            geometry  
}
```



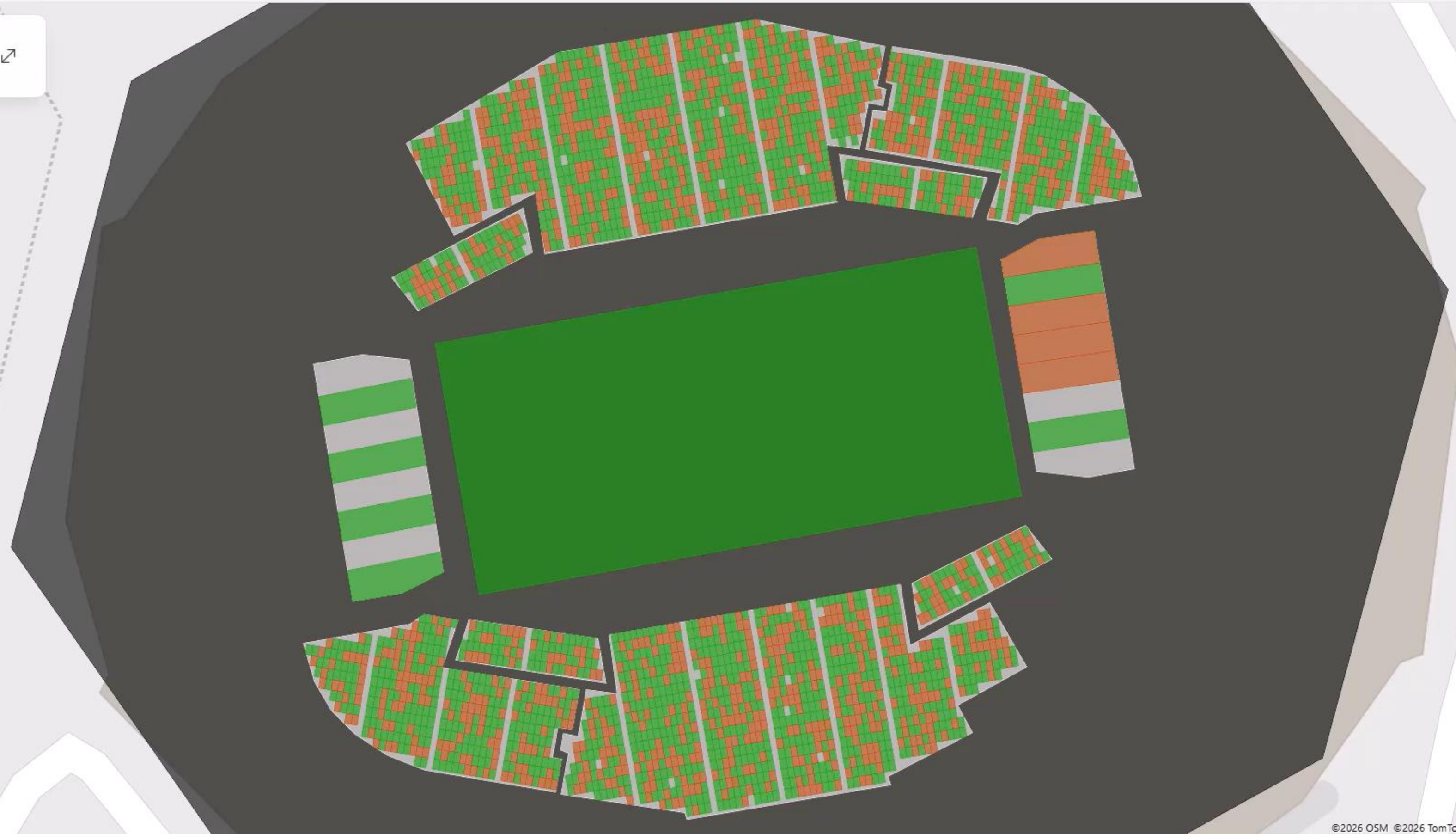
Home

Viewing

Share

Refresh

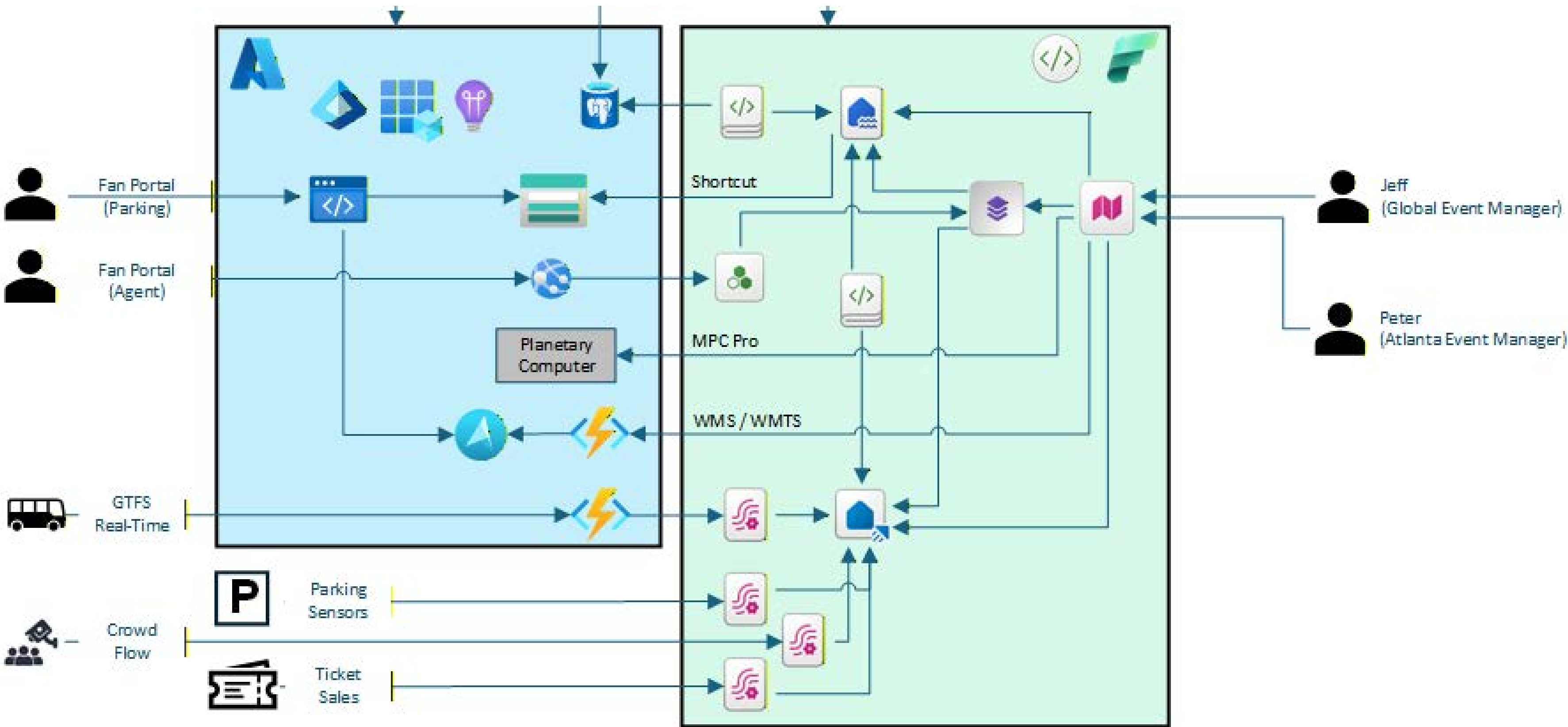
**Data layers** ↗



20 m



# Scenario & Personas – Game Day



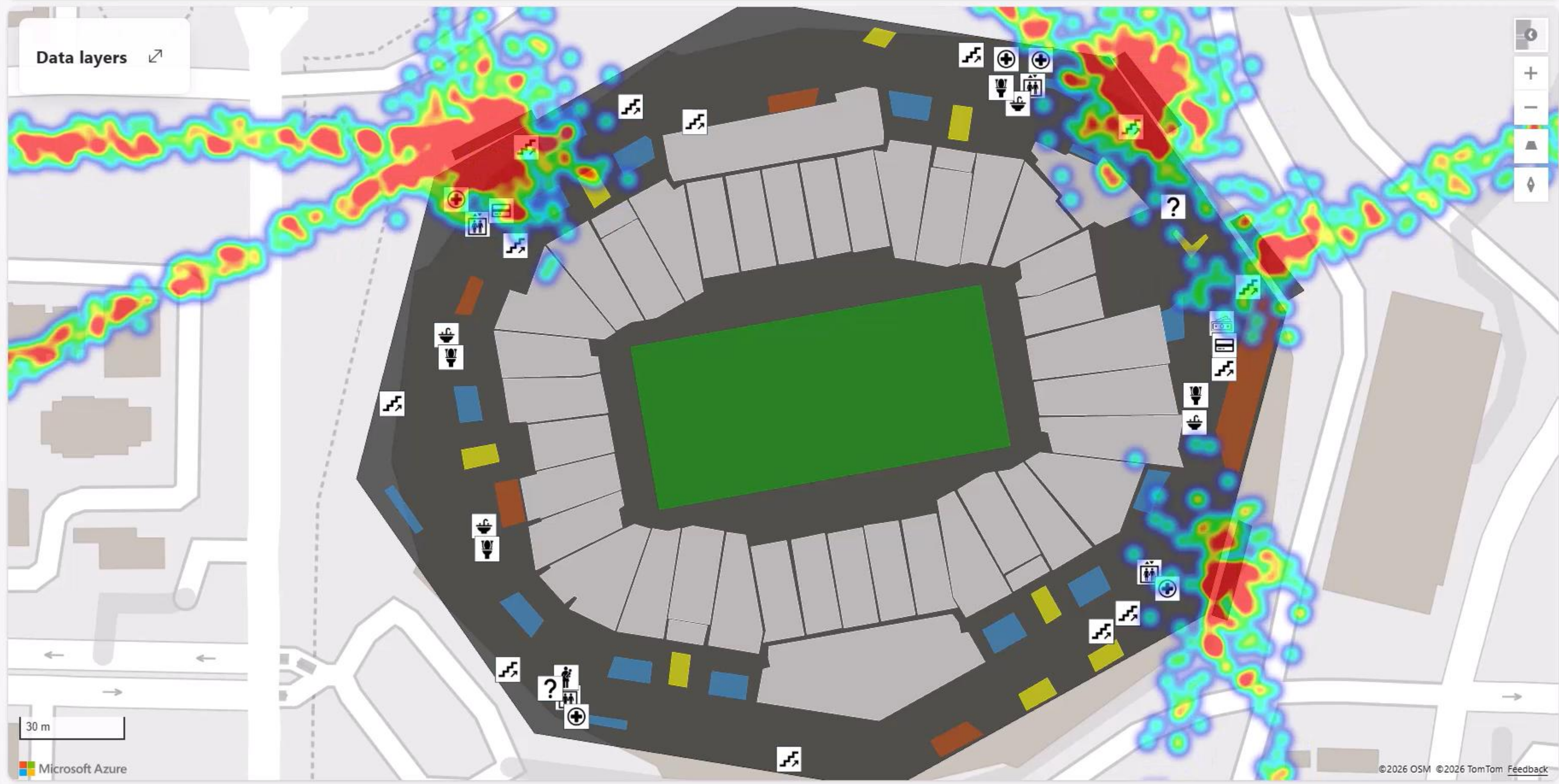
- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops
- ...

Home

Viewing [v] Share

Refresh

Data layers [v]



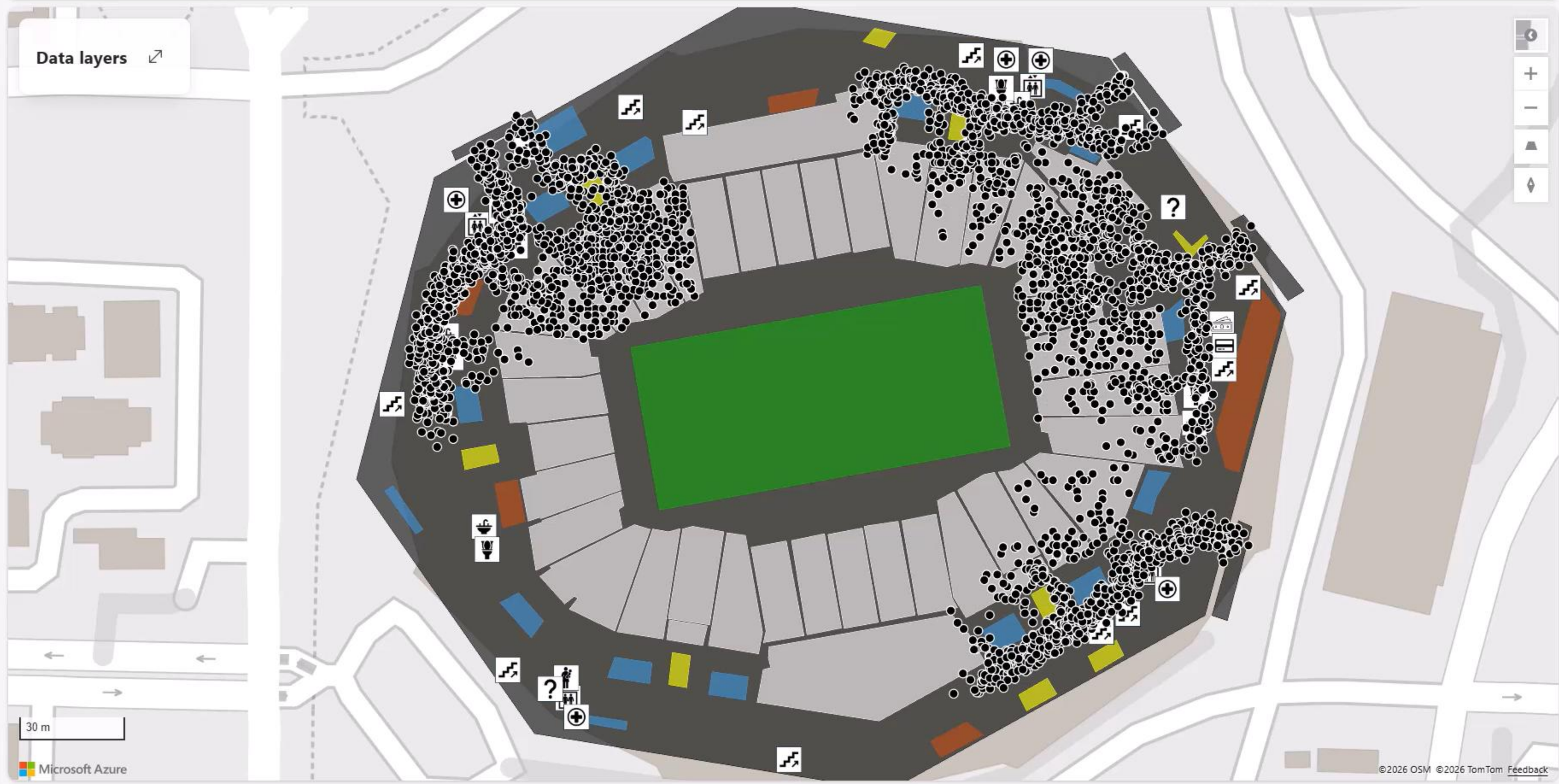
- Home
- Workspaces
- Copilot
- OneLake catalog
- Monitor
- Real-Time
- Workloads
- World Cup Ops

Home

Viewing [Share]

Refresh

Data layers



30 m

# Maps in Fabric – Recap

Now generally available

Connect to Lakehouse,  
Eventhouse & **Ontology**

Connect to **Microsoft Planetary  
Computer Pro**

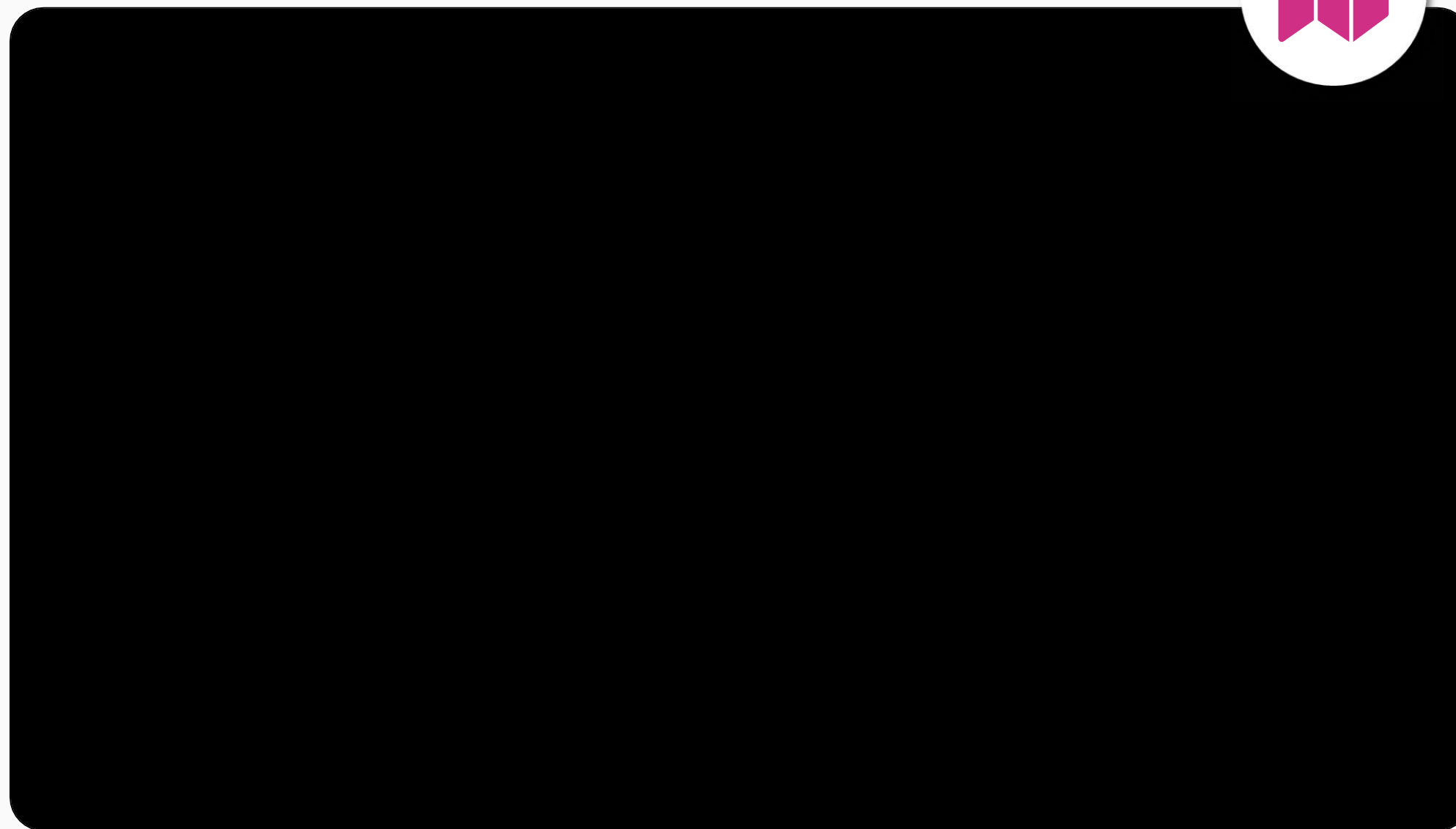
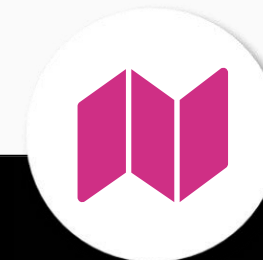
Leverage open standards such as  
**WMS / WMTS**

Define **schedules** to keep your  
data fresh

**Filter** within layers

Bring your **own markers**

Leverage the power of **KQL  
functions**



## Get hands-on

Complete the tutorial  
Build a Map



[aka.ms/realtimetutorial](https://aka.ms/realtimetutorial)

[aka.ms/StartWithFabricMaps](https://aka.ms/StartWithFabricMaps)

## Engage

Ask questions on the forum  
Submit ideas and vote  
Use the docs

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[aka.ms/realtimeideas](https://aka.ms/realtimeideas)

[aka.ms/realtimedocs](https://aka.ms/realtimedocs)

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[aka.ms/fabric-iq-release](https://aka.ms/fabric-iq-release)

## Related sessions at FabCon

Session ID	Title	Date/Time
10727186	CORENOTE: Create a Single Source of Truth for Your Data, AI, and Actions	Wed, Mar 18, 3:05 PM–4:05 PM
1072716	Transform Your Business with Fabric Real-Time Intelligence	Wed, Mar 18, 4:25 PM–5:25 PM
1094675	Fabric IQ: Unlock Enterprise AI with a Unified Semantic Layer	Thu, Mar 19, 10:10 AM–11:10 AM
1094315	Connect Your Data with Fabric Graph: Why Relationships Matter for AI	Thu, Mar 19, 2:00 PM–3:00 PM
1081361	Master Eventhouse Patterns for Real-Time Intelligence at Scale	Thu, Mar 19, 4:15 PM–5:15 PM
1094445	Simplify Geospatial Analytics with Real-Time Maps in Fabric	Thu, Mar 19, 4:15 PM–5:15 PM
1025145	Build Trustworthy Real-Time AI Applications with Eventstream in Real-Time Intelligence	Fri, Mar 20, 10:10 AM–11:10 AM
1080563	Build Your First Digital Employee: A Guide to Operations Agents in Fabric	Thu, Mar 19, 11:30 AM–12:30 PM
1065937	Automate at Scale with Event-Driven Architectures and Business Events	Fri, Mar 20, 3:15 PM–4:15 PM

Sound off.  
The mic is all yours.  
Influence the product roadmap.

Join the Fabric User Panel



Share your feedback directly with our Fabric product group and researchers.

<https://aka.ms/JoinFabricUserPanel>

Join the SQL User Panel



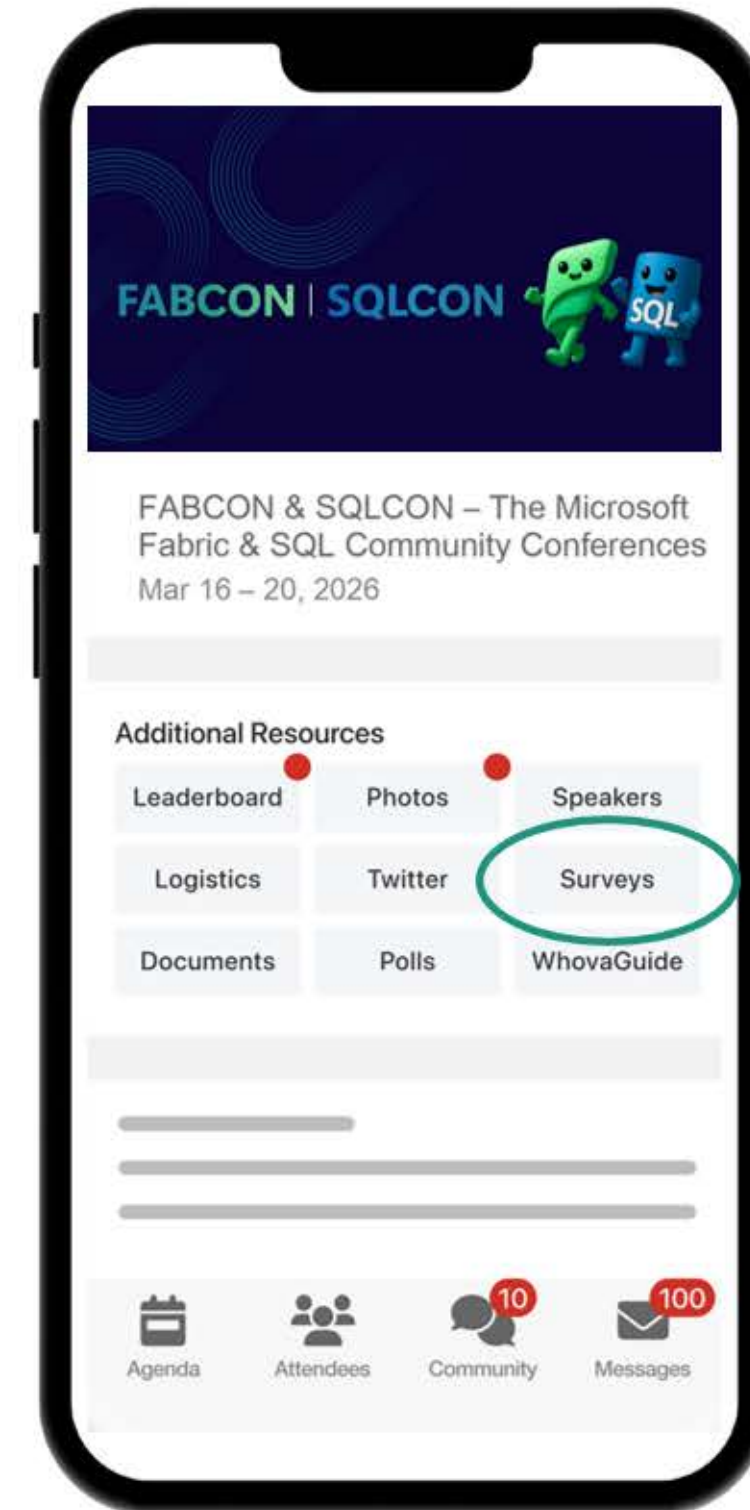
Influence our SQL roadmap and ensure it meets your real-life needs

<https://aka.ms/JoinSQLUserPanel>

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