precisely
Data Integrity Suite ◑

Spatial Analytics

Discover and visualize patterns, trends, and relationships between location-based datasets.

Overview:

The Data Integrity Suite Spatial Analytics service allows users to derive meaningful insights from the spatial relationships between people, assets, and their environment. Visualize data on maps, perform spatial analyses, and access location reports to discover revenue growth opportunities, identify risks, and drive your business forward more confidently.

To add context to your decisions, you can find the distance to the nearest locations, analyze surroundings, and define travel boundaries as part of your data pipelines.
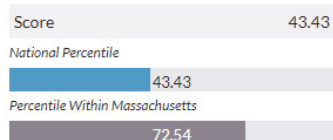
The Spatial Analytics service also offers APIs to power your applications, processes, and workflows, bringing efficiency to each customer interaction.

Benefits:

- Eliminate manual processes with location intelligence that's quick to deploy and easy to master for all users across the enterprise
- More efficiently find, understand, trust, and leverage location data as an asset and a competitive differentiator
- Optimize business decisions with a better view of locations and a deeper understanding of people, assets, and trends
- Prevent expensive errors and make more informed decisions by giving precedence to location in your assessments
- Discover new opportunities to accelerate revenue growth

National Risk Index

Risk Index is
Relatively Low

Census tract 25017332401
Middlesex County, Massachusetts

Score	43.43

National Percentile

43.43

Percentile Within Massachusetts

72.54

Risk Index Overview

Compared to the rest of the U.S., Census tract 25017332401's Risk Index components are:

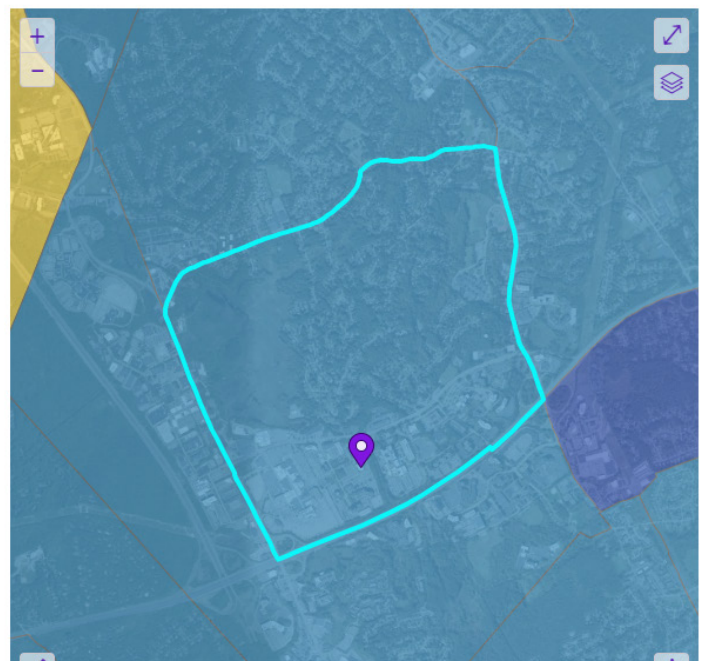| Expected Annual Loss	Relatively Low
Social Vulnerability	Relatively Low
Community Resilience	Very High

Hazard Type Risk Ratings

Compared to the rest of the U.S., Census tract 25017332401's risk to each hazard type is:

Avalanche	Not Applicable
Coastal Flooding	No Rating Score: 0.0
Cold Wave	Relatively Low Score: 44.3

Earthquake	Relatively Low Score: 61.4
Hail	Very Low Score: 13.0
Heat Wave	Relatively Low Score: 24.4
Heat Wave	Relatively Moderate Score: 78.2
Ice Storm	Relatively Low Score: 40.1
Landslide	Relatively Low Score: 59.8
Lightning	Relatively Low Score: 39.6
Riverine Flooding	Relatively Moderate Score: 83.8
Strong Wind	Very Low Score: 11.9
Tornado	Relatively Low

How it works

- **Discover:** Find the distance to the nearest locations, analyze your surroundings, and define travel boundaries as part of your data pipelines to add essential context to your decision-making process.

- **Build:** Deploy and securely access spatial, raster, and routing APIs to run analytics natively in the cloud or your private environment to eliminate bottlenecks, unlock scalability, and simplify development.

- **Collaborate:** Make location insights accessible to people without a technical background, providing instant access to better business decisions through location-centric reports fueled by trusted data.

Spatial Analytics service differentiators

Advanced location data management

Spatial analytics easily embedded into daily business operations

Powerful enough for pros and easy enough for business users to ensure adoption and add value

Features

- **Spatial analytics**
  - Identify nearby services, homes for sale in a desired school district, or risks affecting the property, driving efficiency and instilling confidence.

- **Data visualization**
  - Bring your location-based data to the map to enable quicker comprehension of complex relationships and reduce time to value.

- **Location reports**
  - Deliver critical information about locations, risks, and opportunities to those most need it.

- **Custom applications**
  - Access tailored applications for site selection, network optimization, and risk analytics that address your business requirements.

- **Flexible deployment**
  - Integrate spatial analytics capabilities into your existing applications and environments via APIs.