

Respond Fast, Decide Smart

Data Visualization with ArcGIS Dashboards and ArcGIS Arcade

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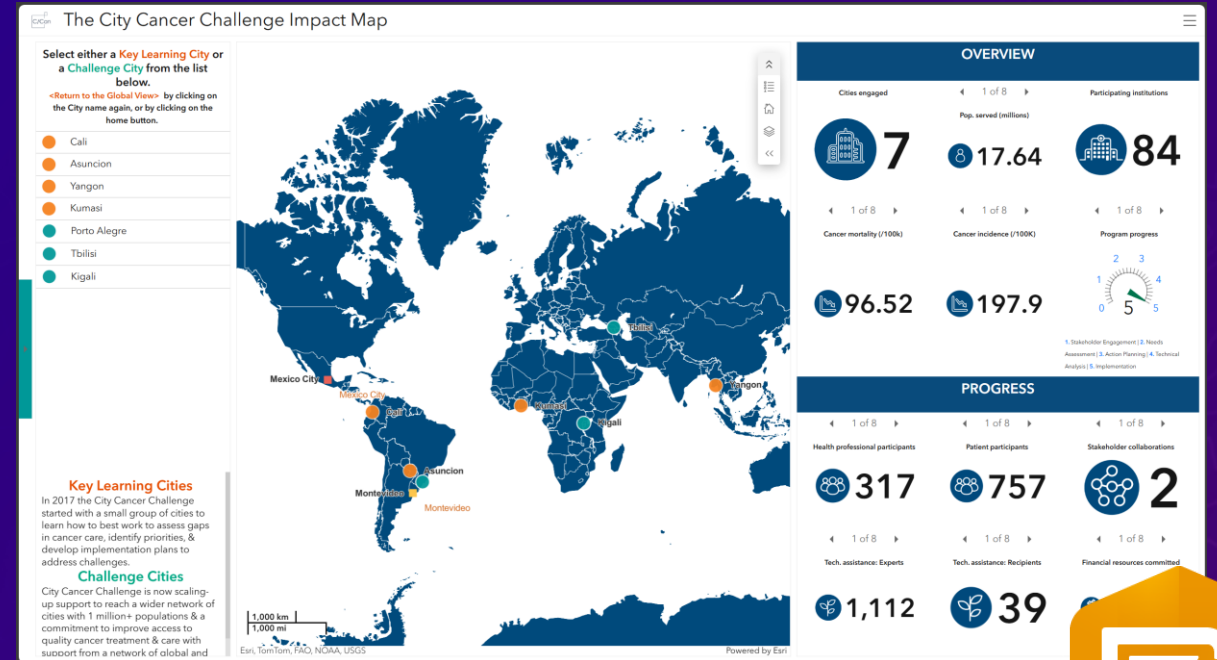
Agenda

- ArcGIS Dashboards
- ArcGIS Arcade
- ArcGIS Arcade Profiles
- Demo
- What's New
- Further Resources
- Questions

ArcGIS Dashboards

Included in ArcGIS User Types

- Intuitive and interactive Data Visualization
- Easily Configurable and Modifiable
- Key benefits:
 - Decision-making
 - Visualize Trends
 - Monitoring status in real time
 - Inform communities





synergys Schadenmeldung Wien

Bezirke auswählen: No category selected | Datum auswählen: No date selected

Search...

Aktiv 100 Meldungen | **Behoben** 4 Meldungen

Meldung: Verunreinigung
 Status: Aktiv
 Erstellt am: 1/27/2025, 12:09 PM
 Relevanz: 3/10

Meldung: Erholung
 Status: Aktiv
 Erstellt am: 1/13/2025, 10:28 AM
 Relevanz: 1/10

Meldung: Schadensmeldung
 Status: Aktiv
 Erstellt am: 1/13/2025, 10:25 AM
 Relevanz: 1/10

Meldung: Verunreinigung
 Status: Aktiv
 Erstellt am: 12/18/2024, 2:45 PM
 Relevanz: 8/10

Meldung: Schadensmeldung
 Status: Aktiv
 Erstellt am: 12/18/2024, 2:45 PM
 Relevanz: 8/10

Anzahl an Meldungen

Bezirk	Anzahl
Allersgrund	1
Döbling	2
Favoriten	18
Hernals	10
Innere Stadt	2
Landstraße	1
Liesing	1
Mariahilf	1
Neubau	41
Penzing	2
Simmering	1
Wieden	2

Meldungen nach Bezirk | Wann wurde der Schaden gesichtet?

Map showing locations: Thurn am Donau, Währing, Korneuburg, Klosterneuburg, Gännsdorf, Marktgraben, Mariahilf, Innere Stadt, Favoriten, Döbling, Allersgrund.

ArcGIS Arcade

- Esri-native programming language
- Key areas:
 - Automating workflows
 - Labeling & Popups
 - Data management & visualization
- Builds a bridge between different applications within the ArcGIS Environment
- Different profiles for different environments



Arcade Profiles

- Execution Context

- Where the Arcade expression executes
- Default spatial reference
- Default time zone

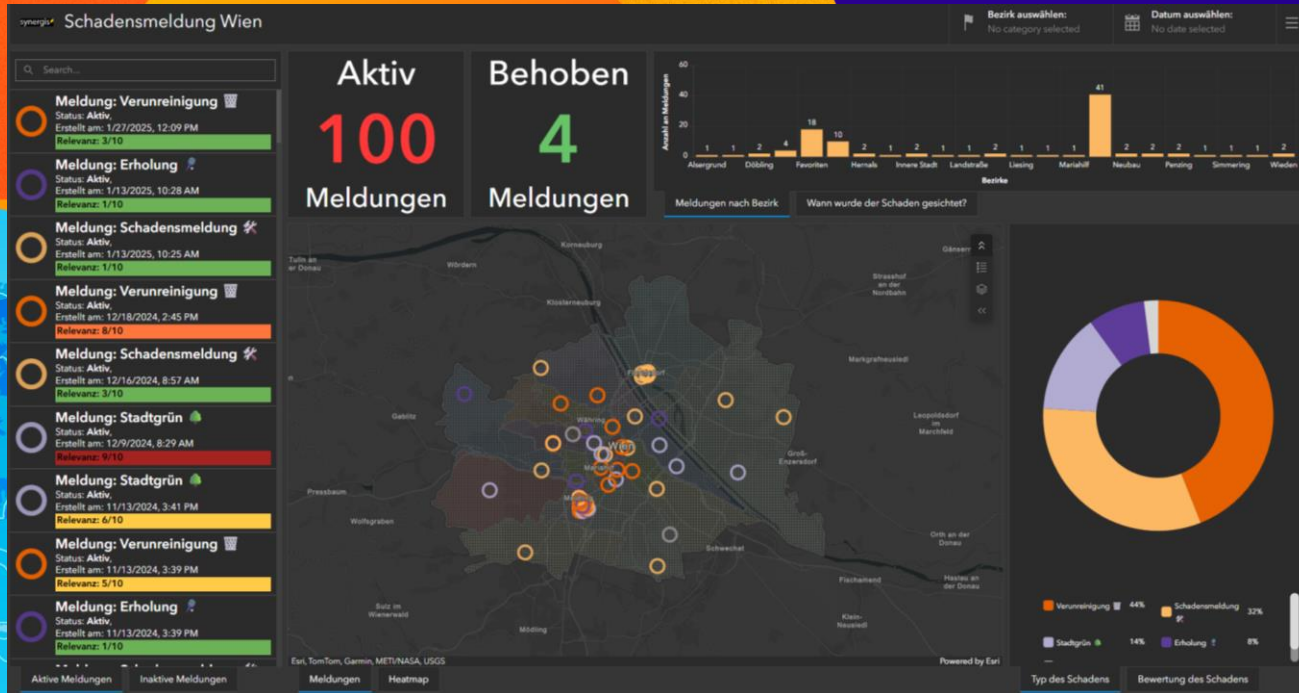
- Profile Variables

- Function Bundles

- Output Datatype

The screenshot shows the Esri Developer website's 'Arcade Profiles' page. The page has a dark blue header with the Esri Developer logo and navigation links for Documentation, Features, SDKs and APIs, Products, and Support. Below the header, there are tabs for Home, Profiles (selected), Function Reference, and Playground. A search bar is located in the top right corner. On the left side, there is a sidebar with a search box and a list of profile categories. The main content area is titled 'Arcade Profiles' and contains a grid of 24 profile cards. The 'Dashboard' profile card is highlighted with a red border. At the bottom right, there is a feedback section asking 'Was this page helpful?' with 'Yes' and 'No' buttons.

Profile Name	Associated SDKs/Products
Aggregate field	ArcGIS Maps SDK for JavaScript ArcGIS Online
Alias	ArcGIS Pro ArcGIS Enterprise
Attribute rules	ArcGIS Pro ArcGIS Enterprise ArcGIS Maps SDKs for Native Apps
Dashboard	ArcGIS Dashboards
Data pipelines	ArcGIS Online
Dictionary renderer	ArcGIS Pro ArcGIS Maps SDKs for Native Apps ArcGIS Maps SDK for JavaScript ArcGIS Enterprise
Experience Builder	ArcGIS Experience Builder
Feature display title	ArcGIS Pro
Feature Z	ArcGIS Pro ArcGIS Maps SDK for JavaScript ArcGIS Maps SDKs for Native Apps
Field calculation	ArcGIS Pro ArcGIS Enterprise ArcGIS Online ArcGIS Maps SDKs for Native Apps
Field mapping	ArcGIS Pro ArcGIS Enterprise
Form calculation	ArcGIS Maps SDK for JavaScript ArcGIS Online ArcGIS Enterprise ArcGIS Field Maps
Form constraint	ArcGIS Online ArcGIS Enterprise ArcGIS Maps SDK for JavaScript ArcGIS Field Maps
GeoAnalytics	ArcGIS GeoAnalytics ArcGIS Pro
GeoTrigger notification	ArcGIS Maps SDKs for Native Apps ArcGIS Field Maps
Labeling	ArcGIS Pro ArcGIS Maps SDKs for Native Apps ArcGIS Maps SDK for JavaScript ArcGIS Enterprise ArcGIS Online
Layout	ArcGIS Pro ArcGIS Enterprise
Location update constraint	ArcGIS Maps SDKs for Native Apps ArcGIS Field Maps
Measure visualization	ArcGIS Pro ArcGIS Enterprise
Model builder	ArcGIS Pro
Popups	ArcGIS Pro ArcGIS Maps SDKs for Native Apps ArcGIS Maps SDK for JavaScript ArcGIS Enterprise ArcGIS Online
QuickCapture	
Tasks	
Velocity	



Demo: Dashboards

Topics covered in Demo

- How to create a Dashboard
- Different types of elements
- Arcade for list elements
- Arcade for data filtering

What's New in the ArcGIS Online October 2025 Release

- Font & Color Customization
- New field Types Available:
 - Date Only
 - Time Only
 - Timestamp Offset

The Road Ahead

Near-term

- Better Support for Time-Based Data
- Dashboard Automation Workflows (Python)

Midterm

- Better Support for Data Visualization and Charting
- Data Sources & Data Dependency Replacement (UI)

Long-term

- Multi-Language Dashboards
- Floor Aware Dashboards
- Support for Knowledge Graph Layers
- AI Assistant for Authoring Dashboards

Further Resources

- [Esri Dashboard Gallery](#)
- [Pushing the limits of Arcade](#)
- [ArcGIS Arcade Dashboard Profiles](#)
- [The new ArcGIS Dashboards in Town – Esri Canada Webinar](#)
- [How to: Copy a Dashboard and see it's setup](#)

Questions?



Next Up

Labeling und Symbolisierung mit Arcade am
Beispiel der Wiener Linien

Nele Peschel, SynerGIS



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