# Data Architecture and Analysis Technology
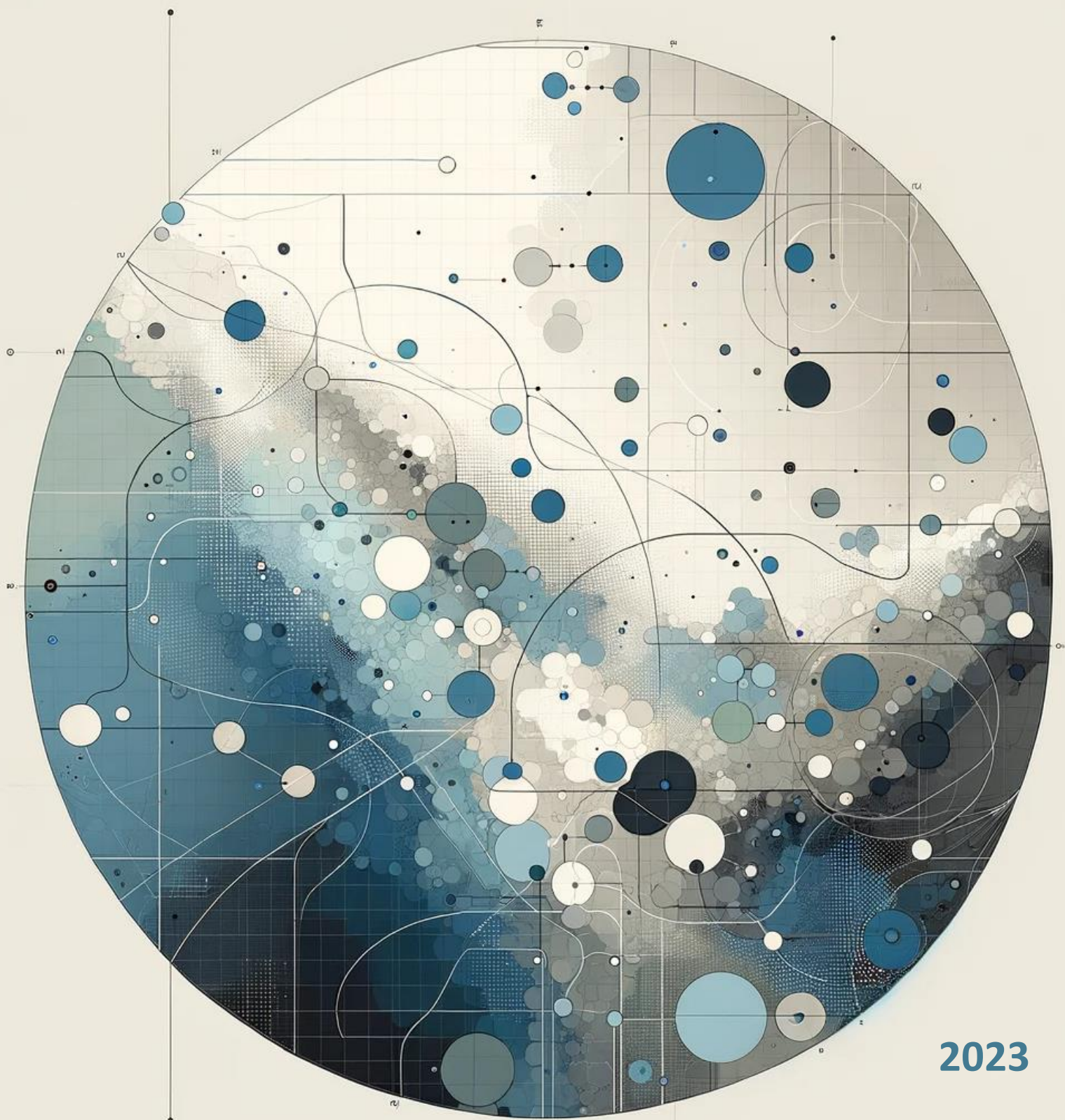
**GRC Group's offerings in data management, security, dashboard visualisation, and geo-spatial mapping**
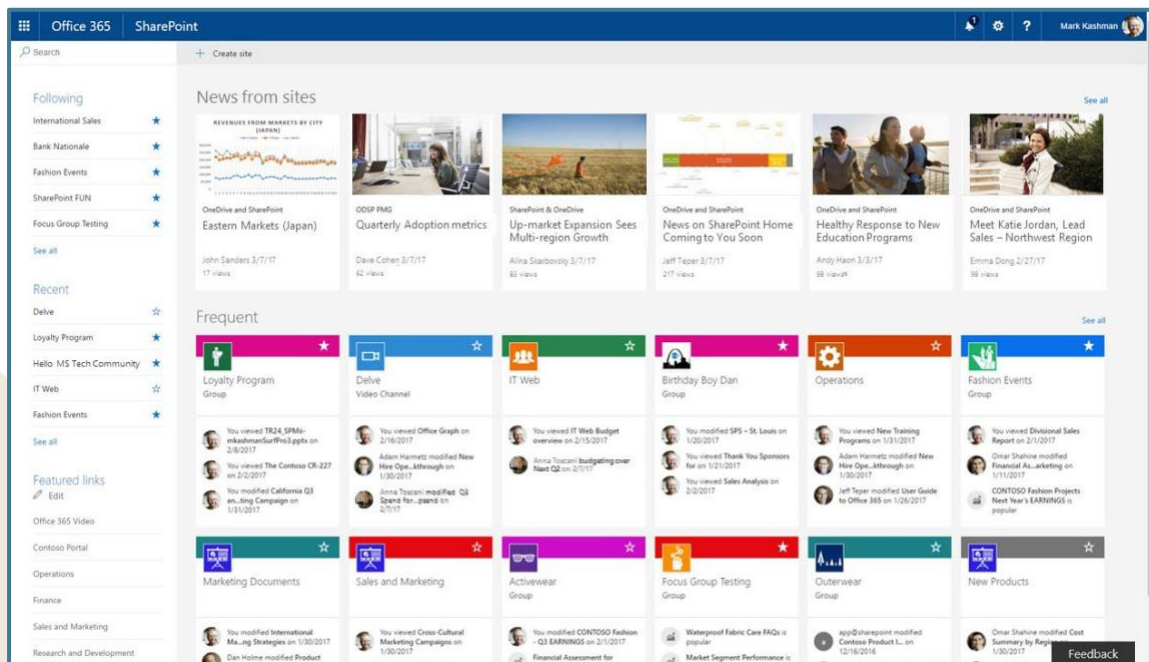


**2023**

## Innovative, Tailored Data Technology for Enhanced Decision Making

GRC Group is your partner in turning data into decisions. Leveraging our expertise in Microsoft SharePoint, Power BI, Esri technology including ArcGIS Pro and ArcGIS Online, paired with innovative data storage and transformation systems design, ensures we deliver insights that make a difference.

At our core, we are dedicated to securing and elevating your data with a suite of services that cover everything from robust storage solutions and bespoke dashboard interfaces to geo-spatial mapping and risk and crisis management — tools essential for navigating the complexities of climate change, geopolitical instability, economic shifts, and more. Below is a closer look at our services:

## Microsoft SharePoint:

With a mastery of SharePoint, we build collaborative workspaces that streamline data operations. From safeguarding document repositories to enabling smart content distribution, we can ensure that communication is seamless and access to data is unfettered across your enterprise.
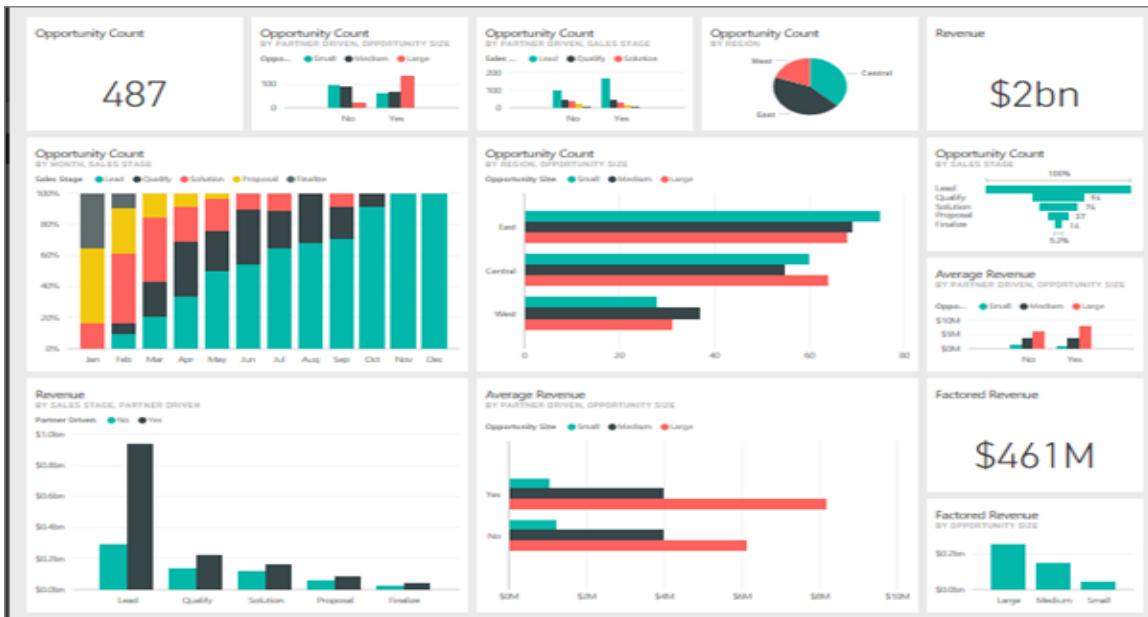


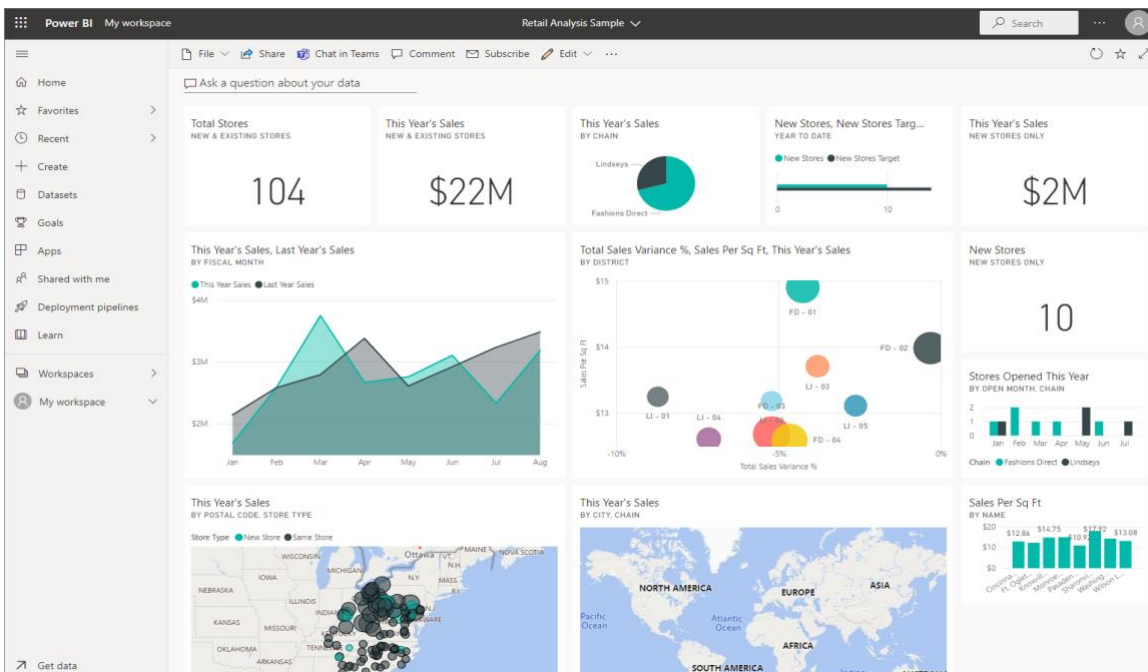*Example SharePoint workspace from Microsoft SharePoint Twitter account*

## Power BI:

Power BI blends the technical with the practical. Our experts design interactive dashboards and reports that distil complex data into clean and intuitive visuals, enabling your enterprise to understand the narrative behind the numbers, see the trends, and make informed decisions.
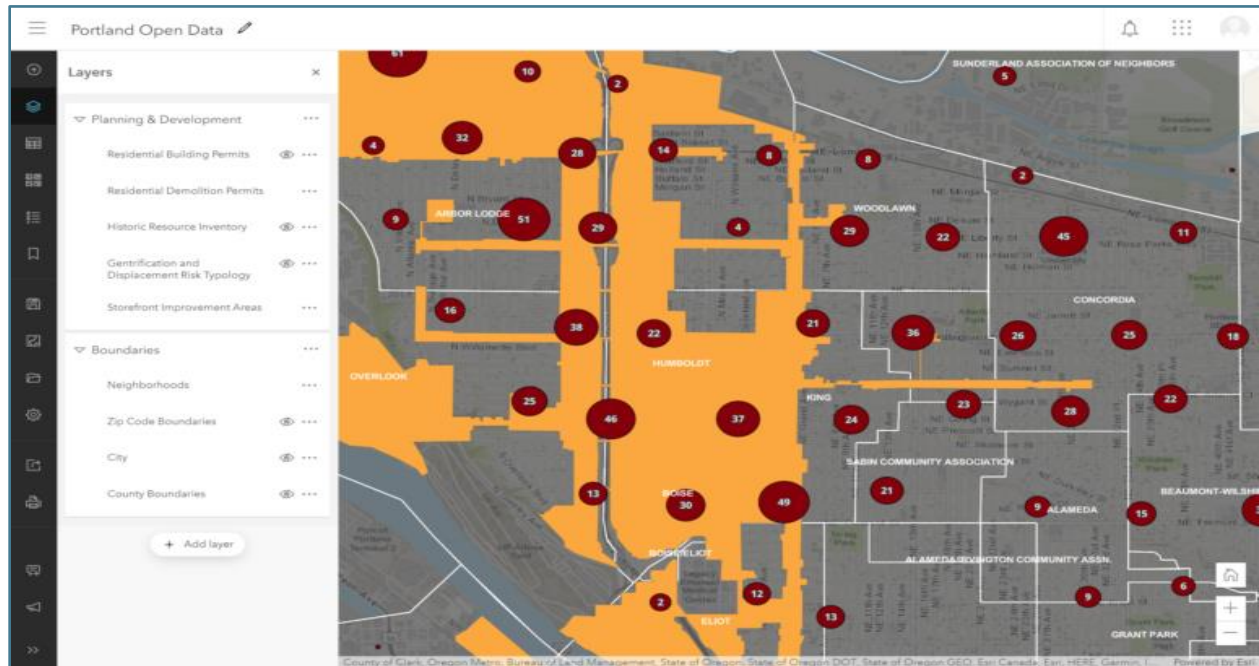


Our Power BI dashboards cut through the data noise, highlighting the key metrics that drive your enterprise.
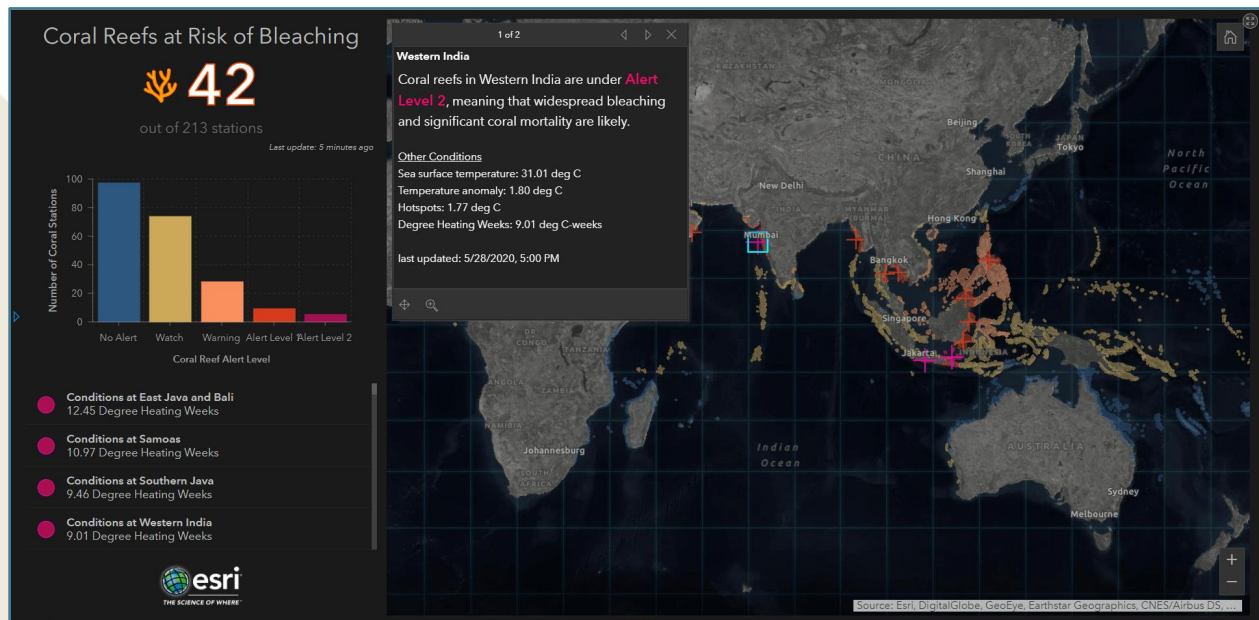
## Esri Technology:

Esri's geospatial solutions are at the heart of our data-driven approach. We leverage ArcGIS Pro and ArcGIS Online to unlock the spatial dimension of your data, highlighting localised insights down to the mesh-block level and enabling you to analyse and plan with pinpoint precision.

### Web Map



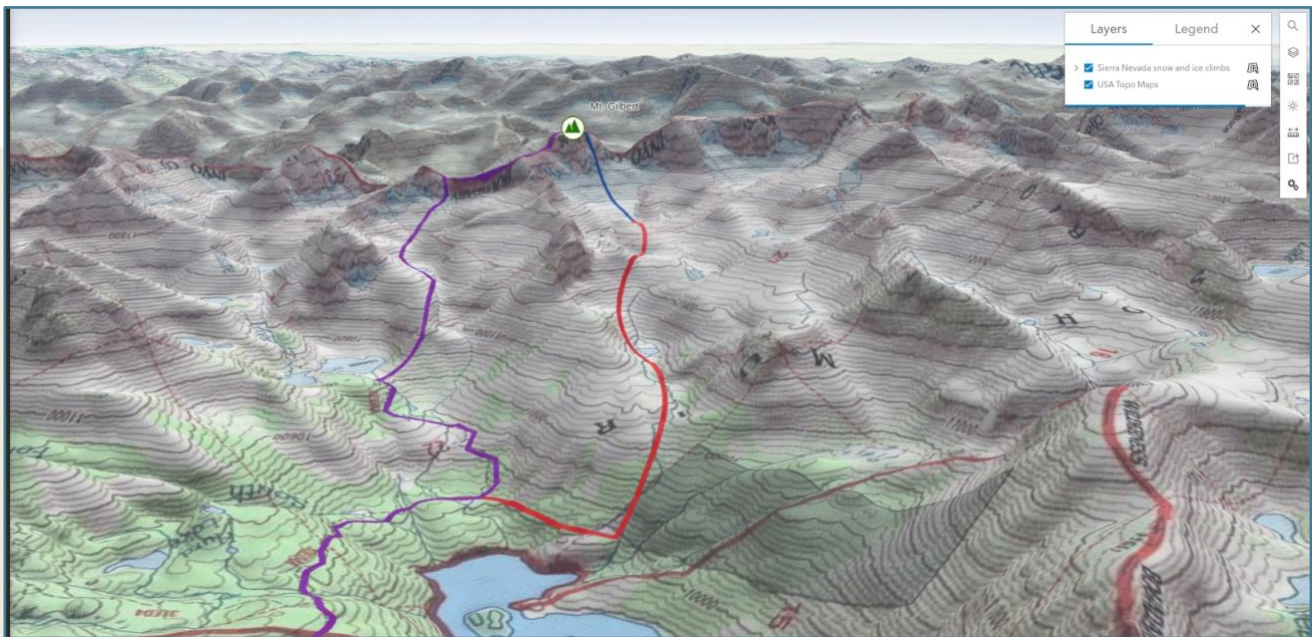### Dashboard

## Dashboard



## ArcGIS Online Scenes

ArcGIS Online Scenes present a dynamic web-based 3D visualization tool from Esri that enhances the exploration and understanding of geographic data. Accessible via any web browser, these scenes enable a comprehensive view of spatial information, making them a crucial resource in urban planning, environmental studies, and extensive geospatial analysis.

By allowing the integration of diverse spatial datasets—ranging from terrain and imagery to 3D models—ArcGIS Online Scenes facilitate a versatile, all-in-one 3D mapping environment. Their collaborative nature supports sharing across teams or with the public, aiding collective decision-making. Furthermore, customization features and compatibility with the broader Esri GIS ecosystem provide a tailored, rich user experience that leverages a vast array of GIS tools and data libraries.
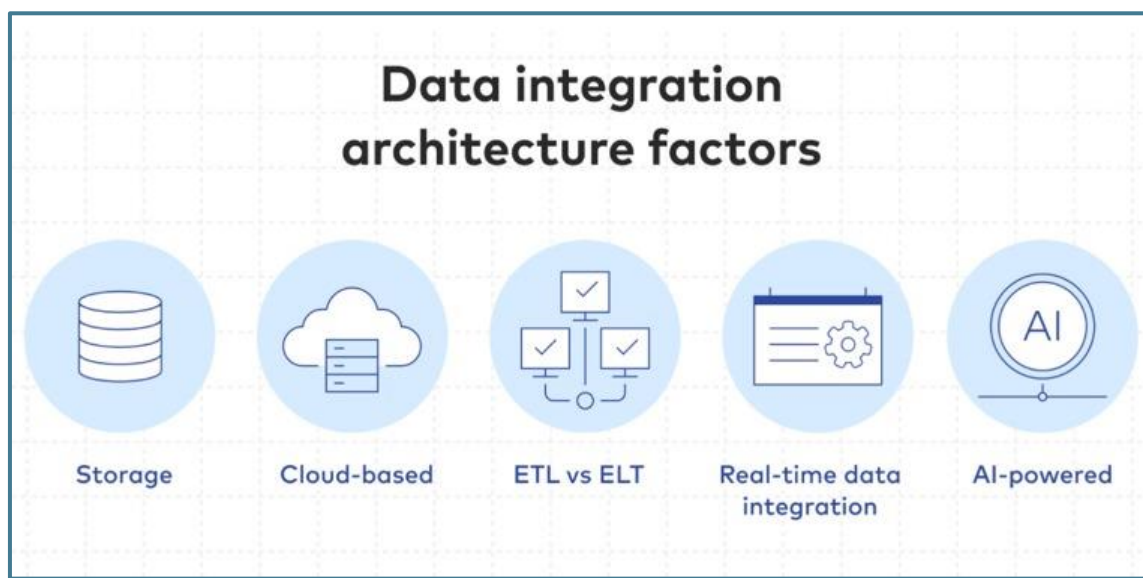
A better understanding of spatial data, topography, and built environments is particularly valuable for urban planning, environmental monitoring, and geospatial analysis.

## Data Storage and Transformation Systems:

Your data's integrity and readiness are our priority. That's why our cutting-edge data storage and transformation systems ensure that your data is secure, accessible, and optimised for analysis. We apply industry best practices to design data ecosystems that are both efficient and future-proof.



**Data integration architecture factors**

Storage | Cloud-based | ETL vs ELT | Real-time data integration | AI-powered

Experience the future of data-driven success with GRC Group. Our technological expertise, combined with our commitment to excellence, security, and innovation, is at your service.

Contact us today to learn how we can help you harness the full potential of your data.

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