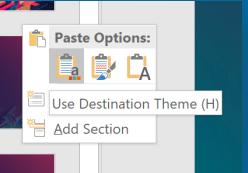


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# Which background to use?



Title

Standard Background  
Suitable for **Less Content**

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Section Divider

Demo Intro

—  
Use behind Images

Walkaway



# ArcGIS API for Python: Advanced Scripting

ROHIT SINGH, ANDREW CHAPKOWSKI, DAVID VITALE

2018 Esri User Conference | San Diego, CA



GIS  
INSPIRING  
WHAT'S  
NEXT

# ArcGIS API for Python

What is it?

- Python library for spatial analysis, mapping and GIS
- Powerful, modern and easy to use
- Powered by Web GIS, with local capabilities

Made for AUTOMATION and DATA SCIENCE

# ArcGIS API for Python

Platform API  
**Power Users  
Developers**

Enterprise Integration

Users, Roles & Group management



**Administrators  
DevOps**

Your Web GIS

Spatial Analysis

Imagery

Location Analytics

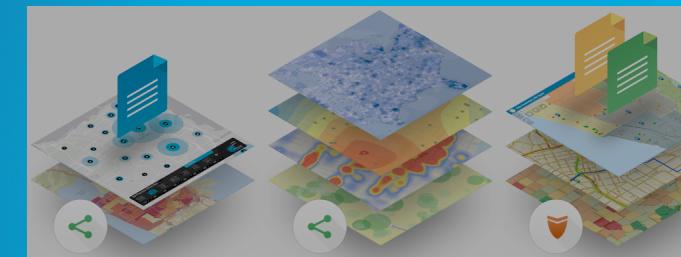
**Analysts**

**Big Data**



**Data Scientists**

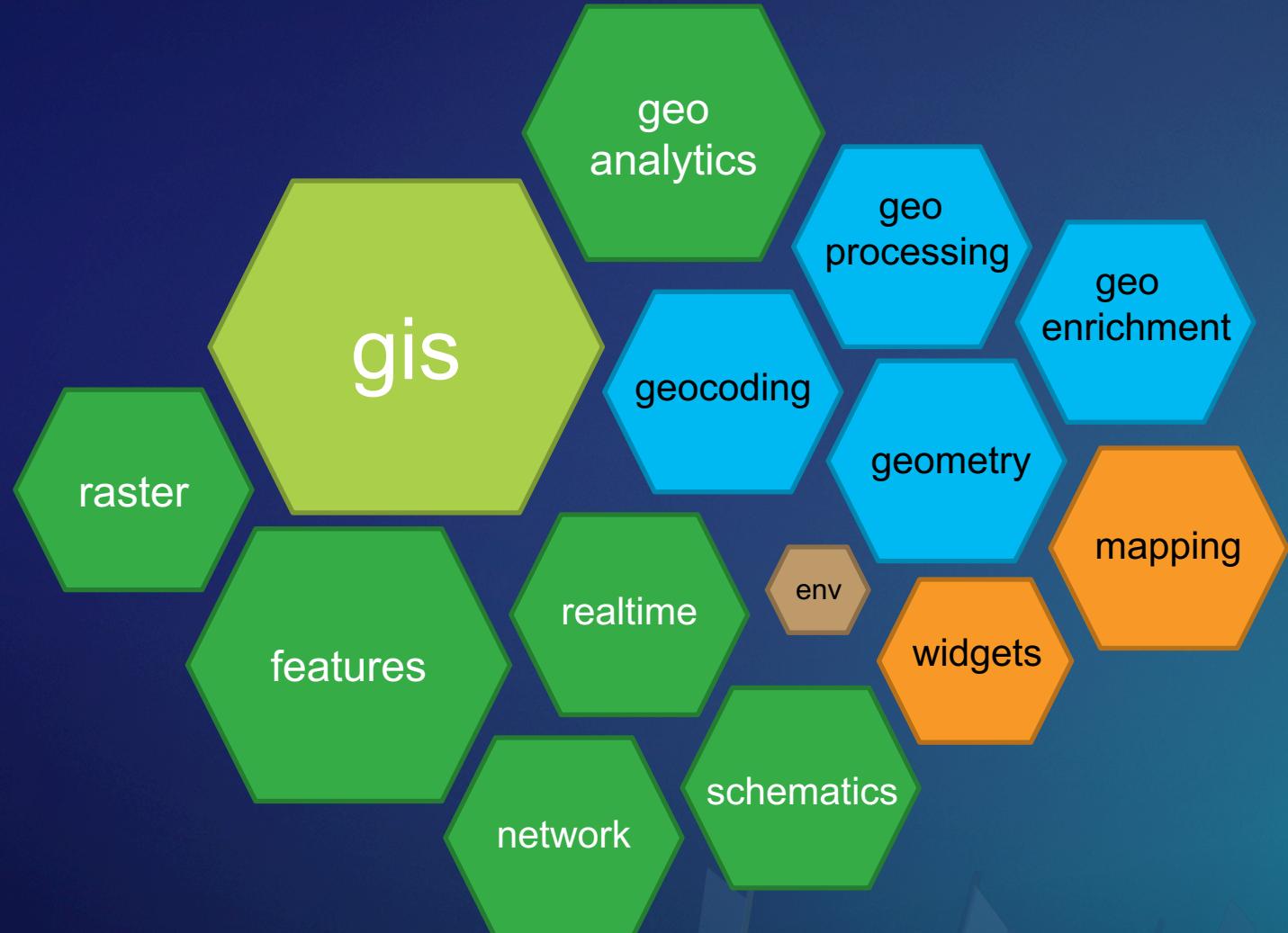
**Content Publishers**



Data Management

*A Pythonic representation of GIS*

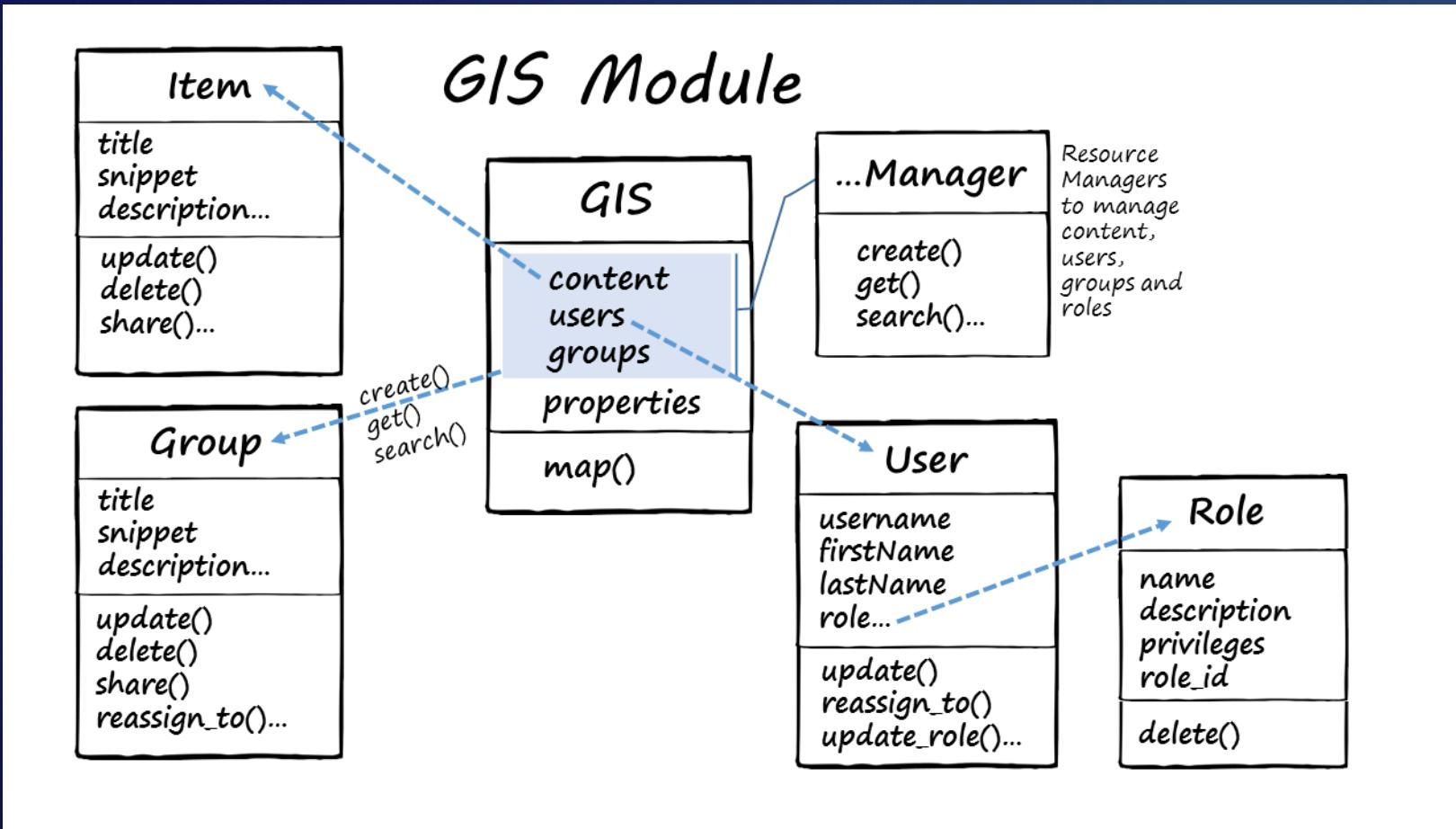
# API Overview



# GIS Module

Information model of your GIS. Entry point into the API

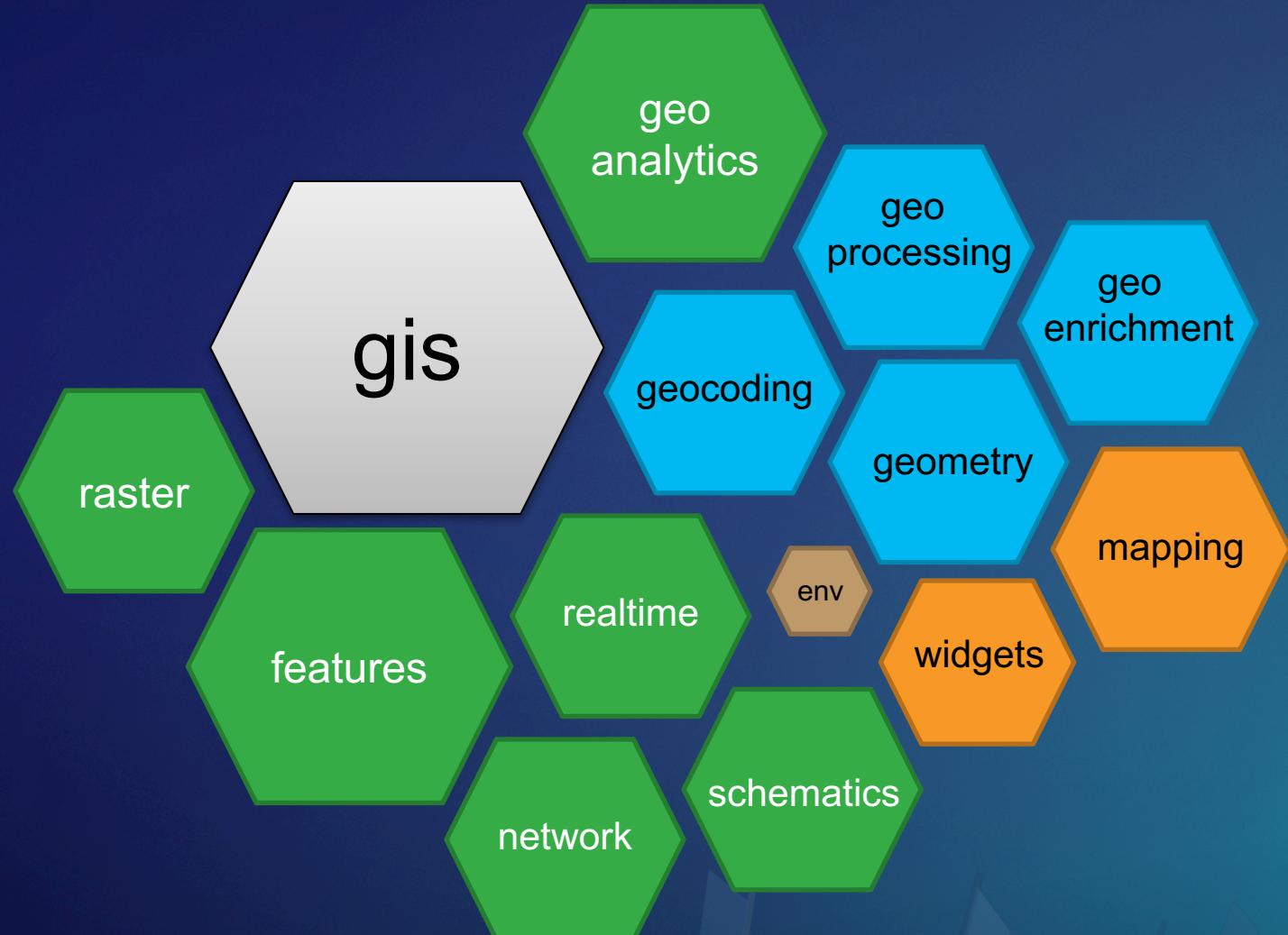
# The gis module





# Demo GIS Module

# API Overview

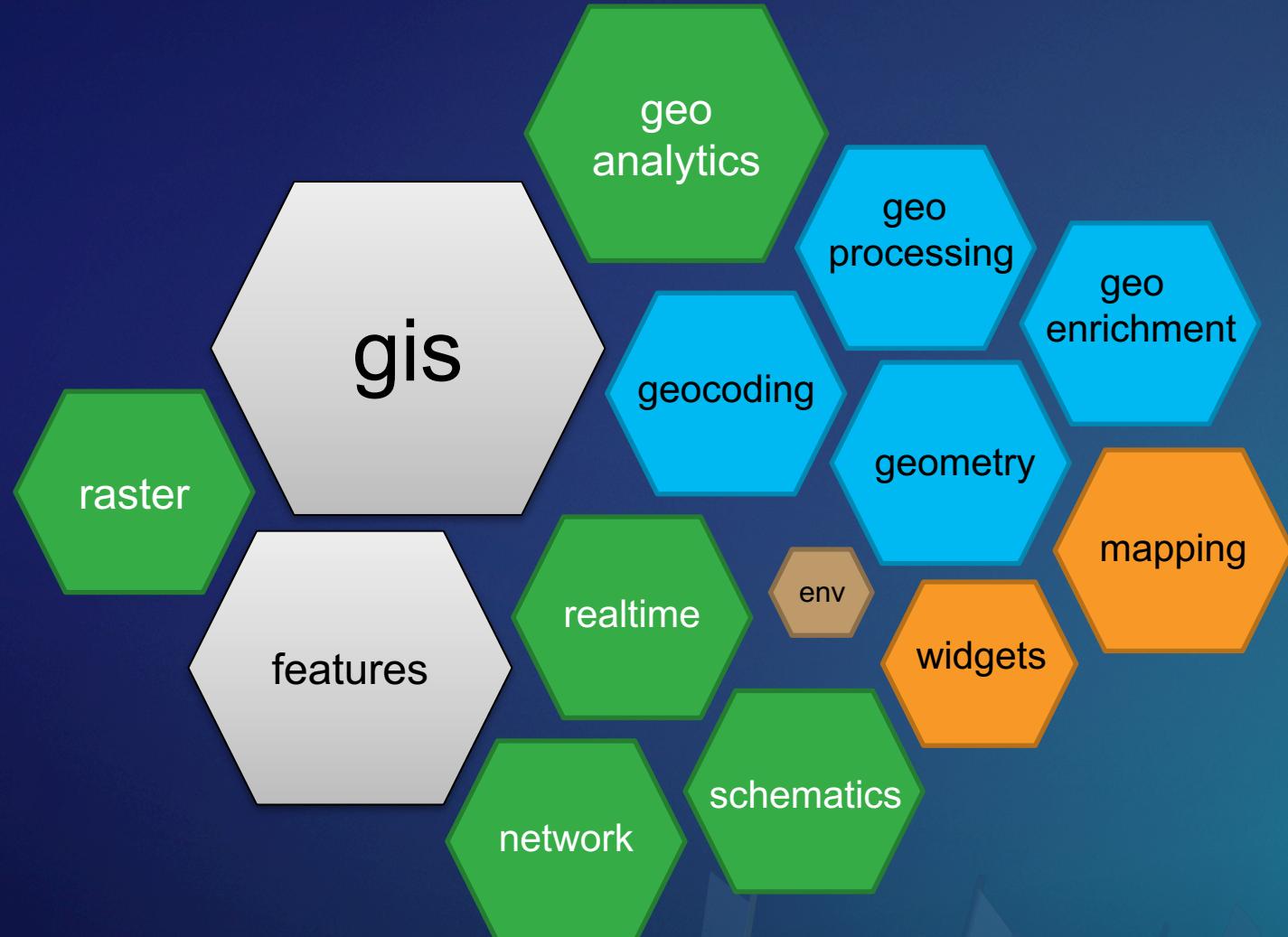




# Demo

## Features Module

# API Overview

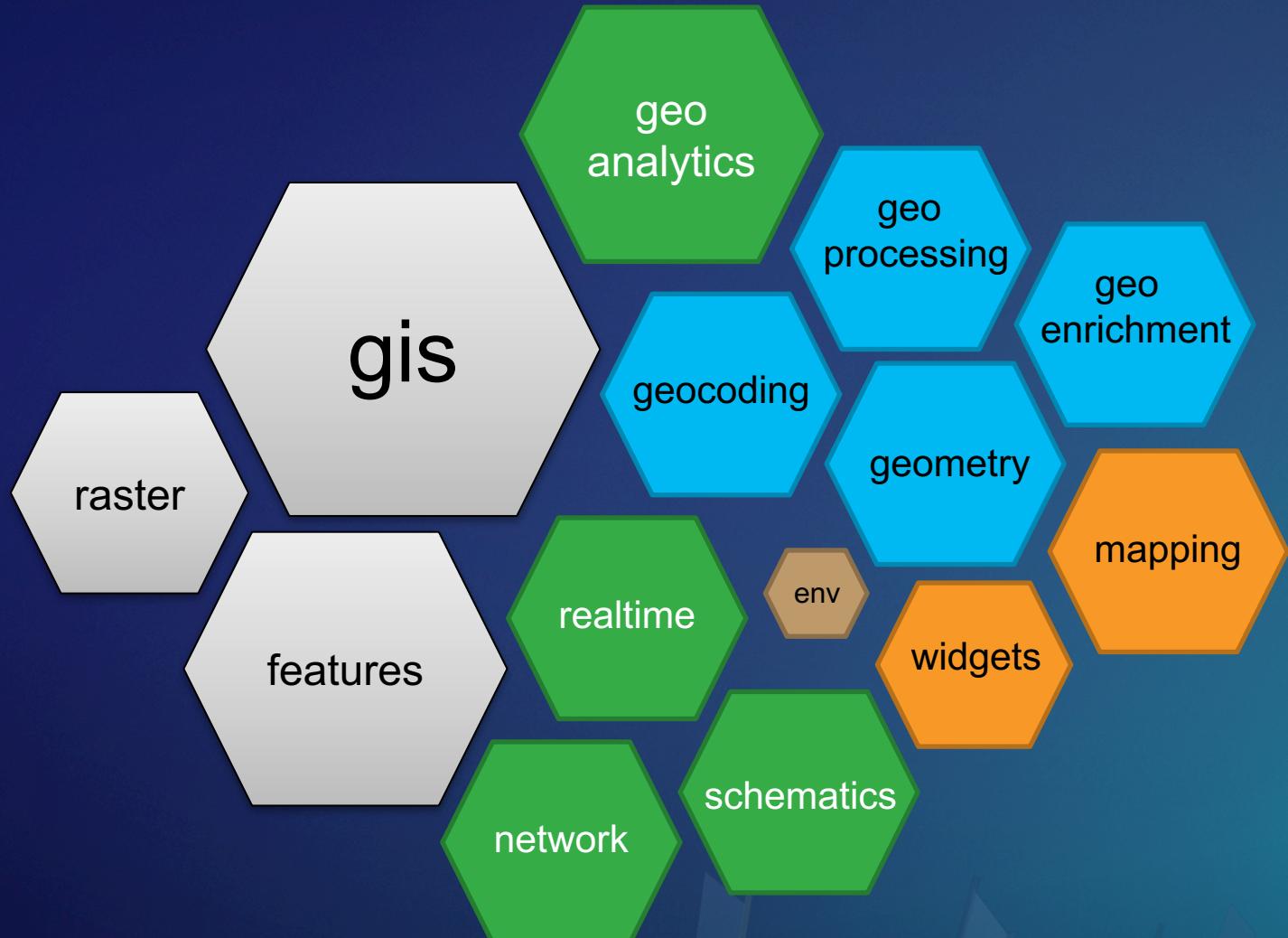




# Demo

## Raster Module

# API Overview

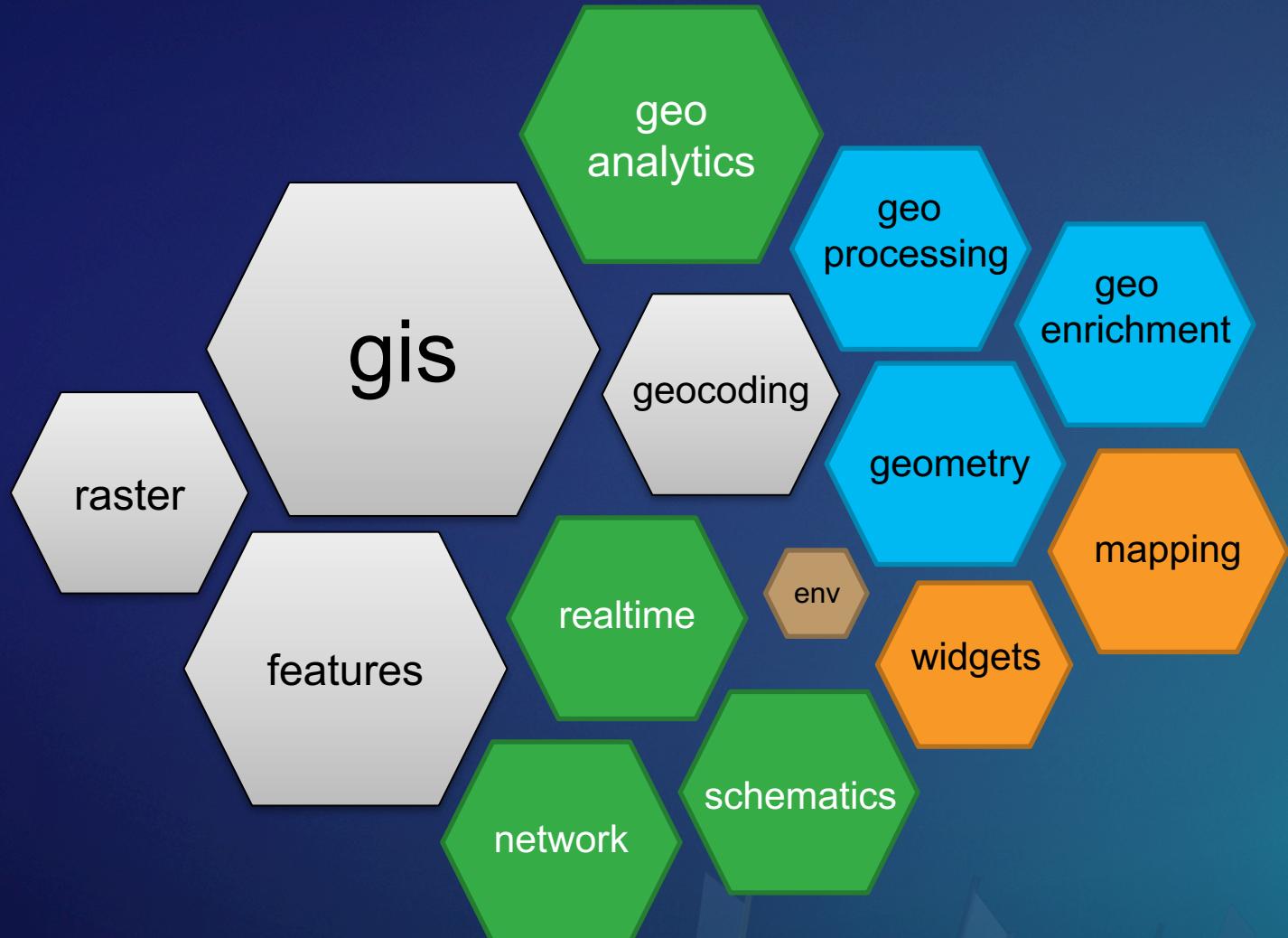




# Demo

## Geocoding Module

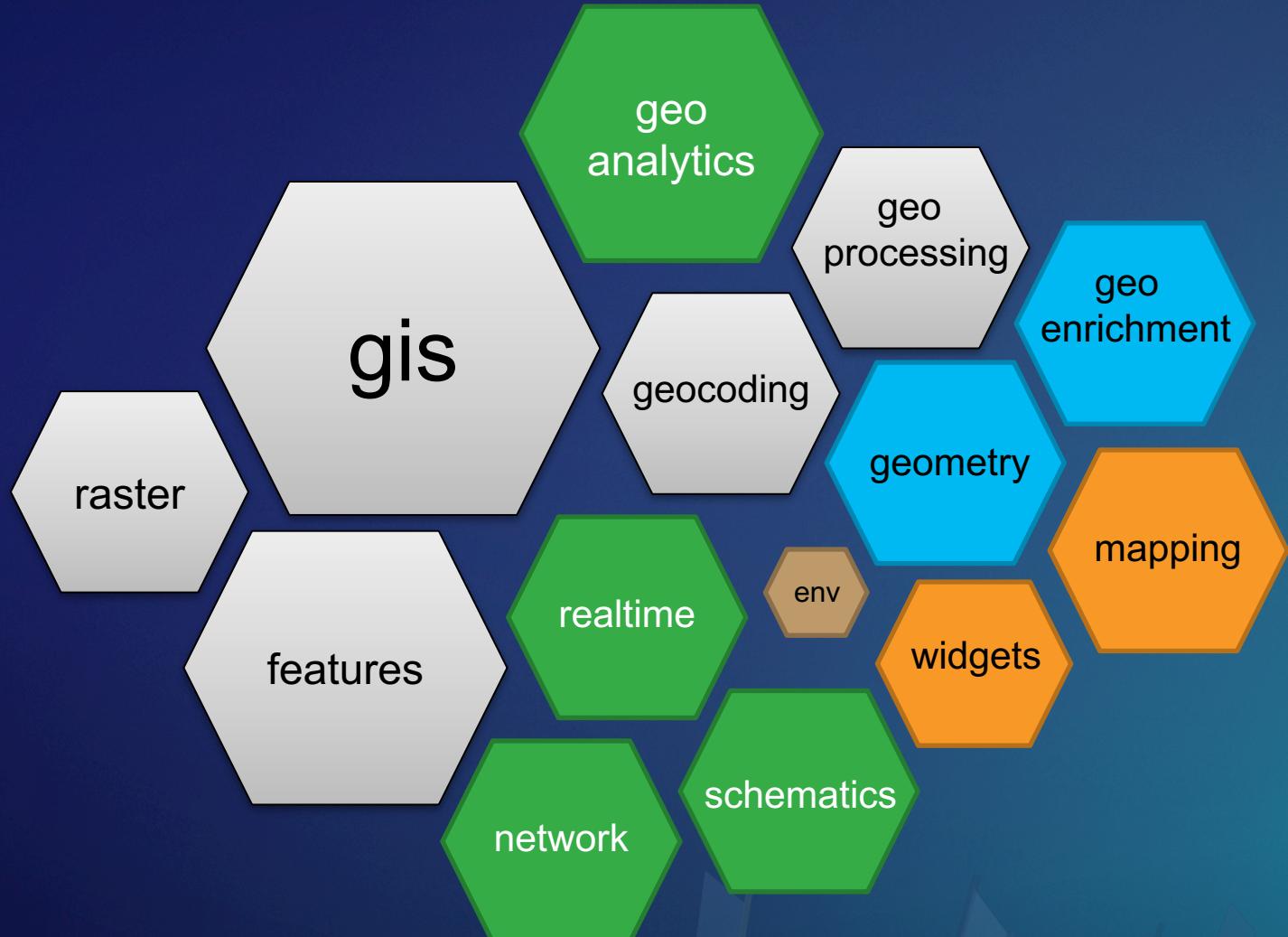
# API Overview





# Demo Geoprocessing

# API Overview

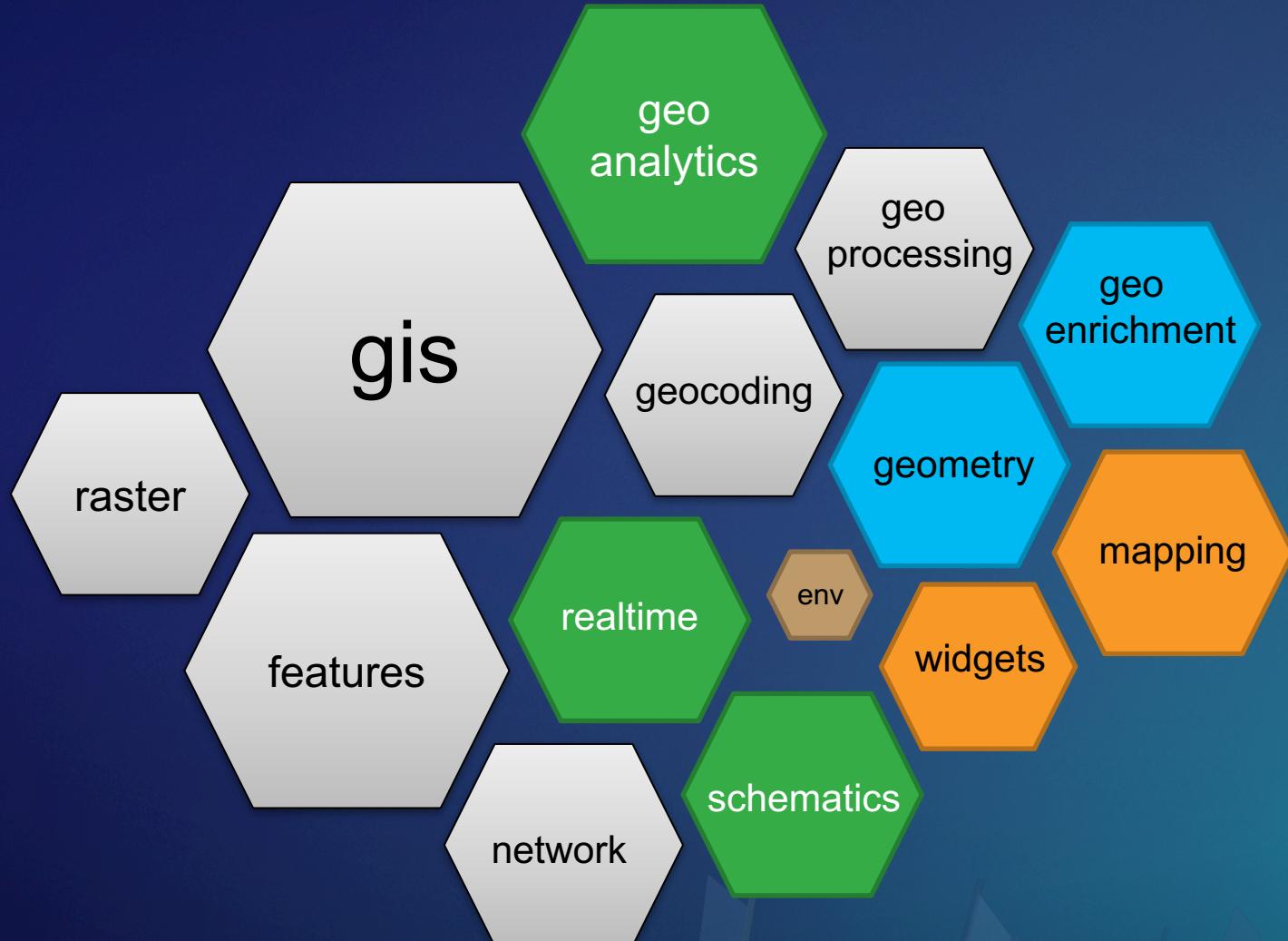




# Demo

## Network module

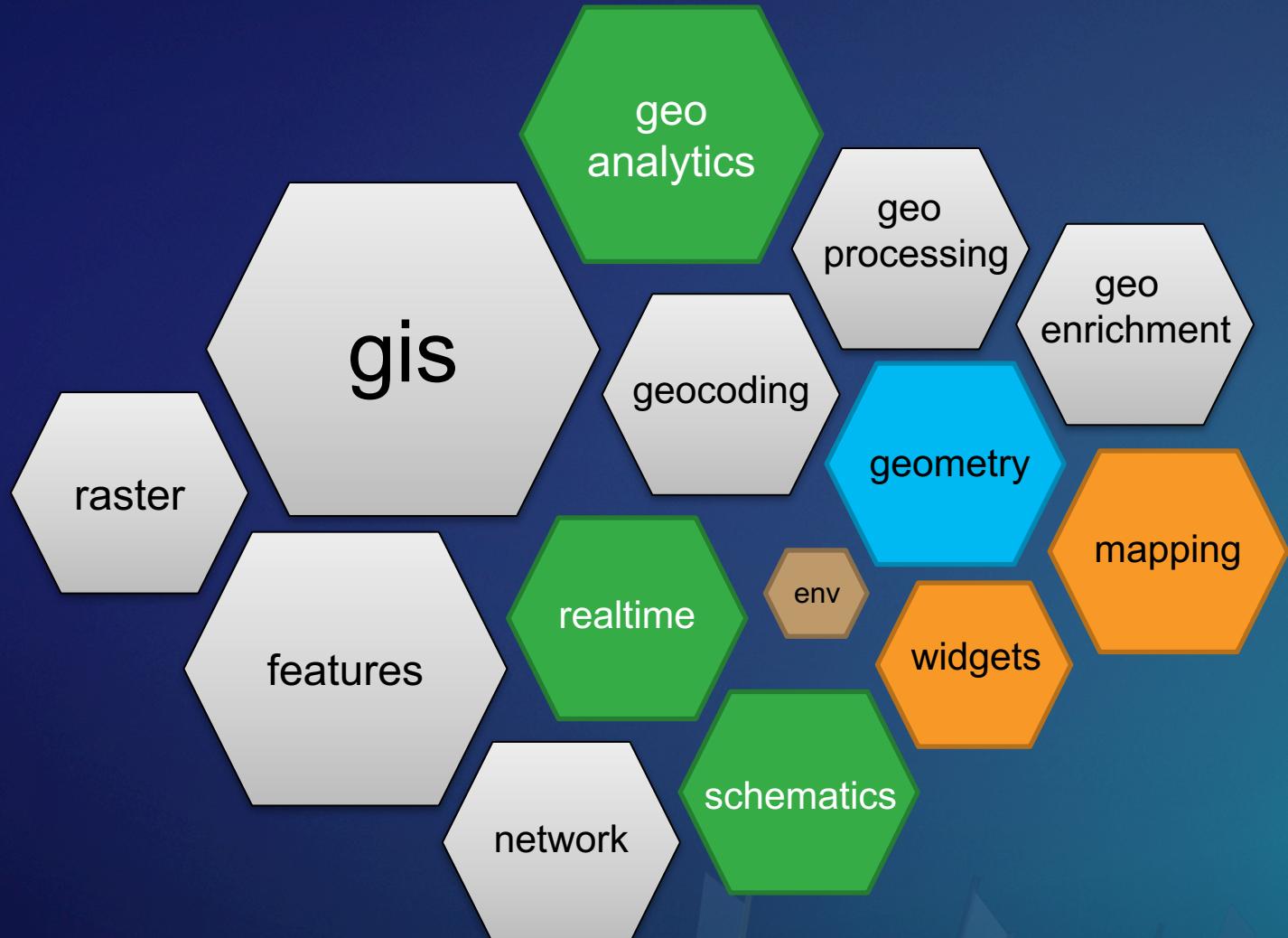
# API Overview





# Demo Geoenrichment

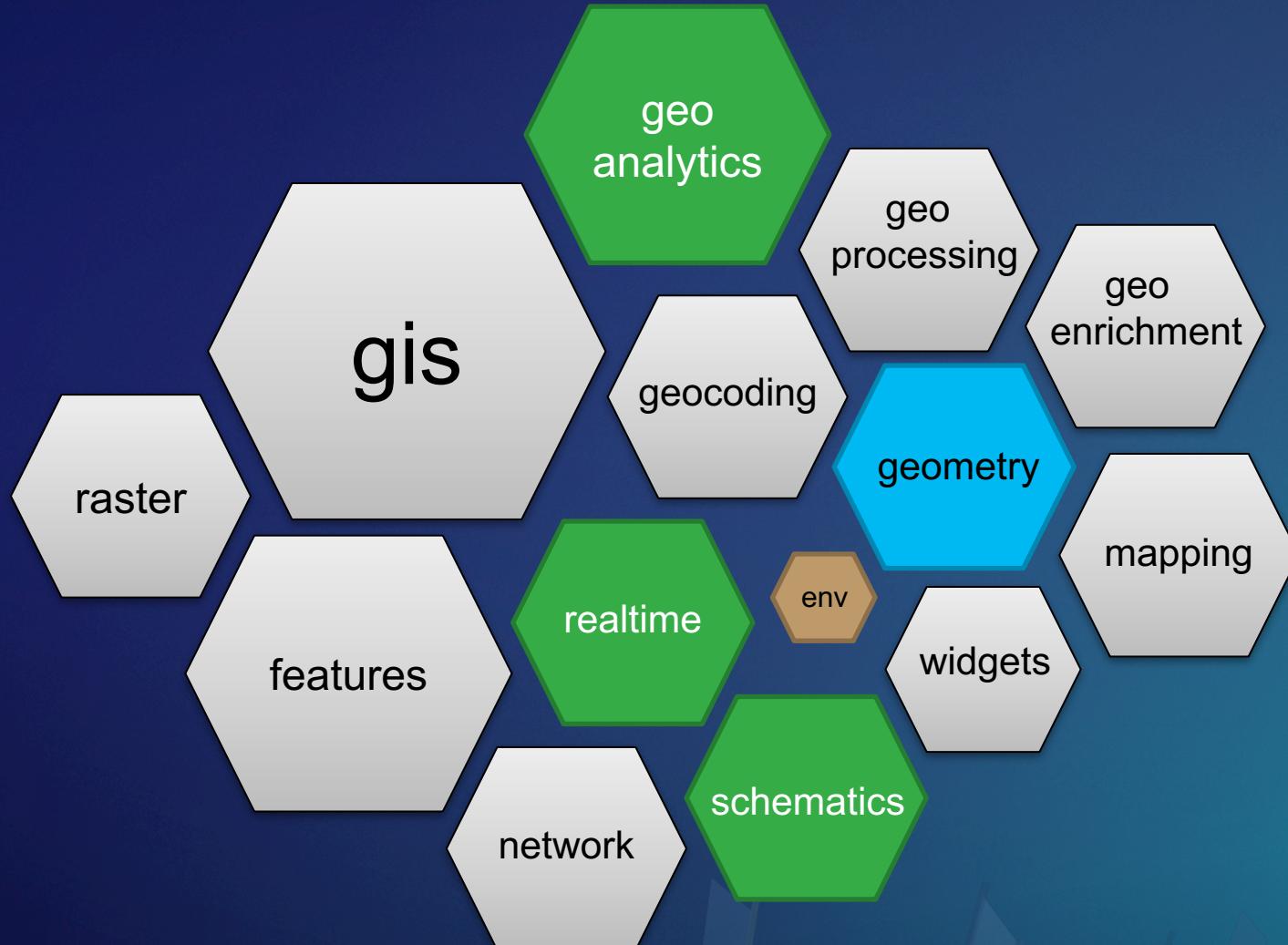
# API Overview





# Demo Mapping

# API Overview



# What's ahead

Q3 (Dev Summit Europe release)

- Public v1.5 release of 3D Widget

Q4 (December release)

- Utility networks, Machine learning, Local Geoprocessing capabilities

# Q&A

Please submit your feedback!



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