ArcGIS API for Python: Advanced Scripting

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ArcGIS API for Python

- 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

What can it do for you?

Platform API

Power Users
Developers

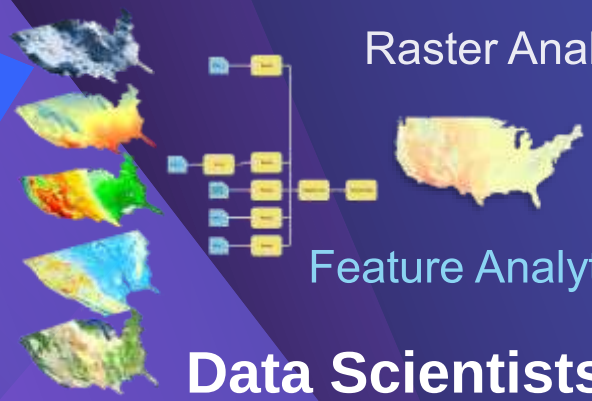
Spatial Analysis

Imagery

Location Analytics

Analysts

Big Data



Raster Analytics

Feature Analytics

Data Scientists

Enterprise Integration

Users, Roles & Group management

Administrators
DevOps

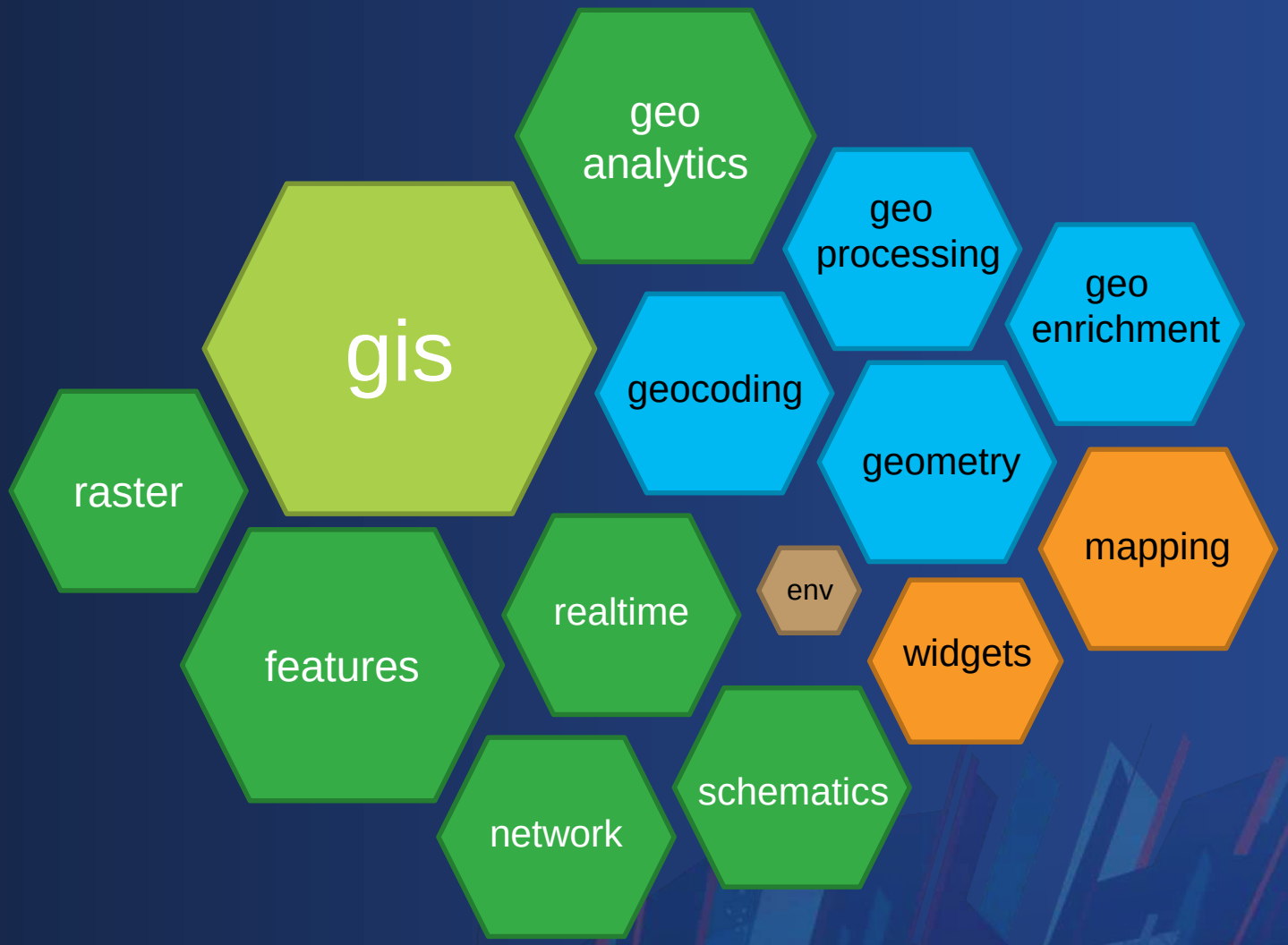
Your Web GIS

Content Publishers

Data Management

A Pythonic representation of GIS

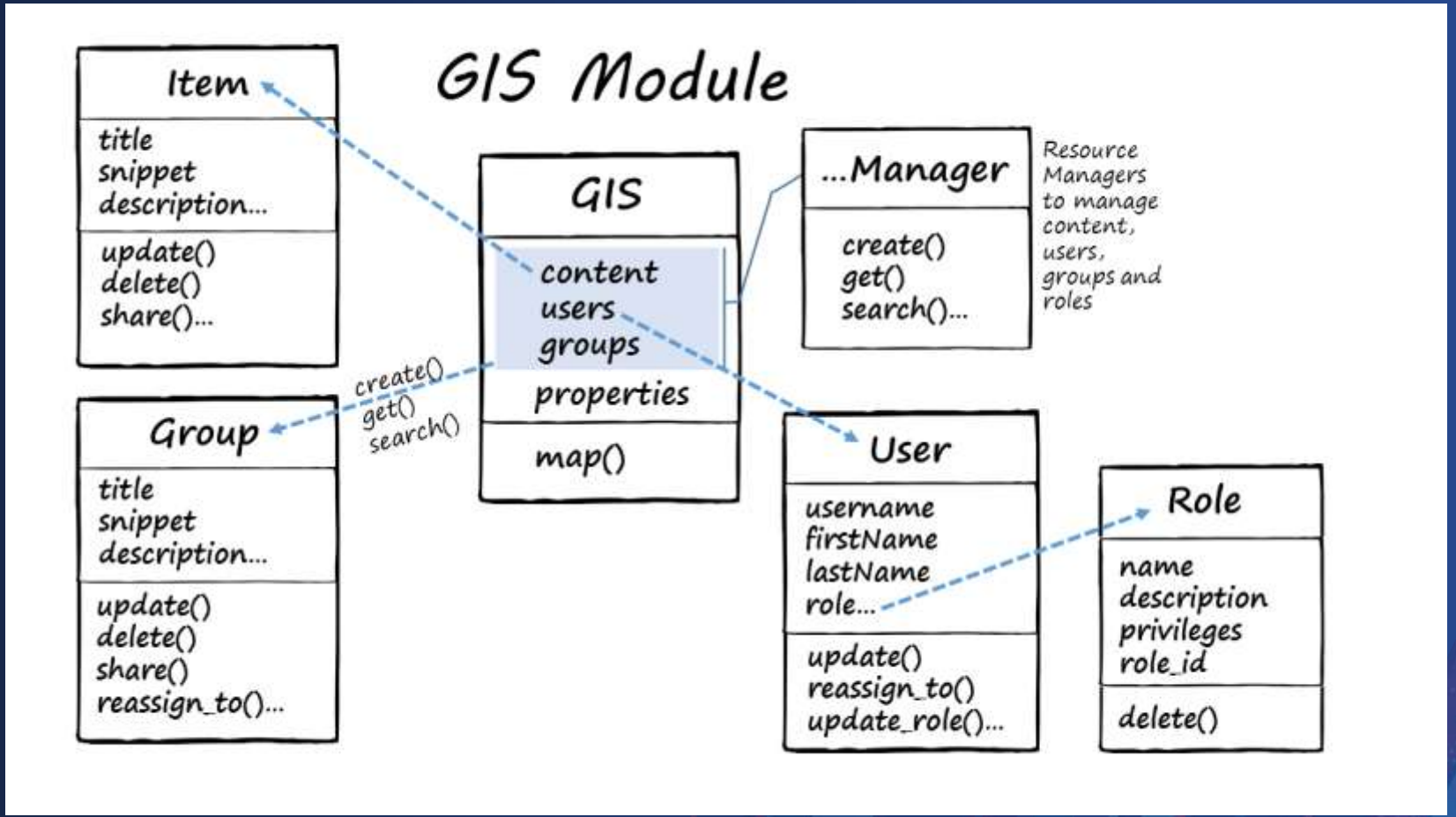
API Overview



GIS Module

Information model of your GIS. Entry point into the API

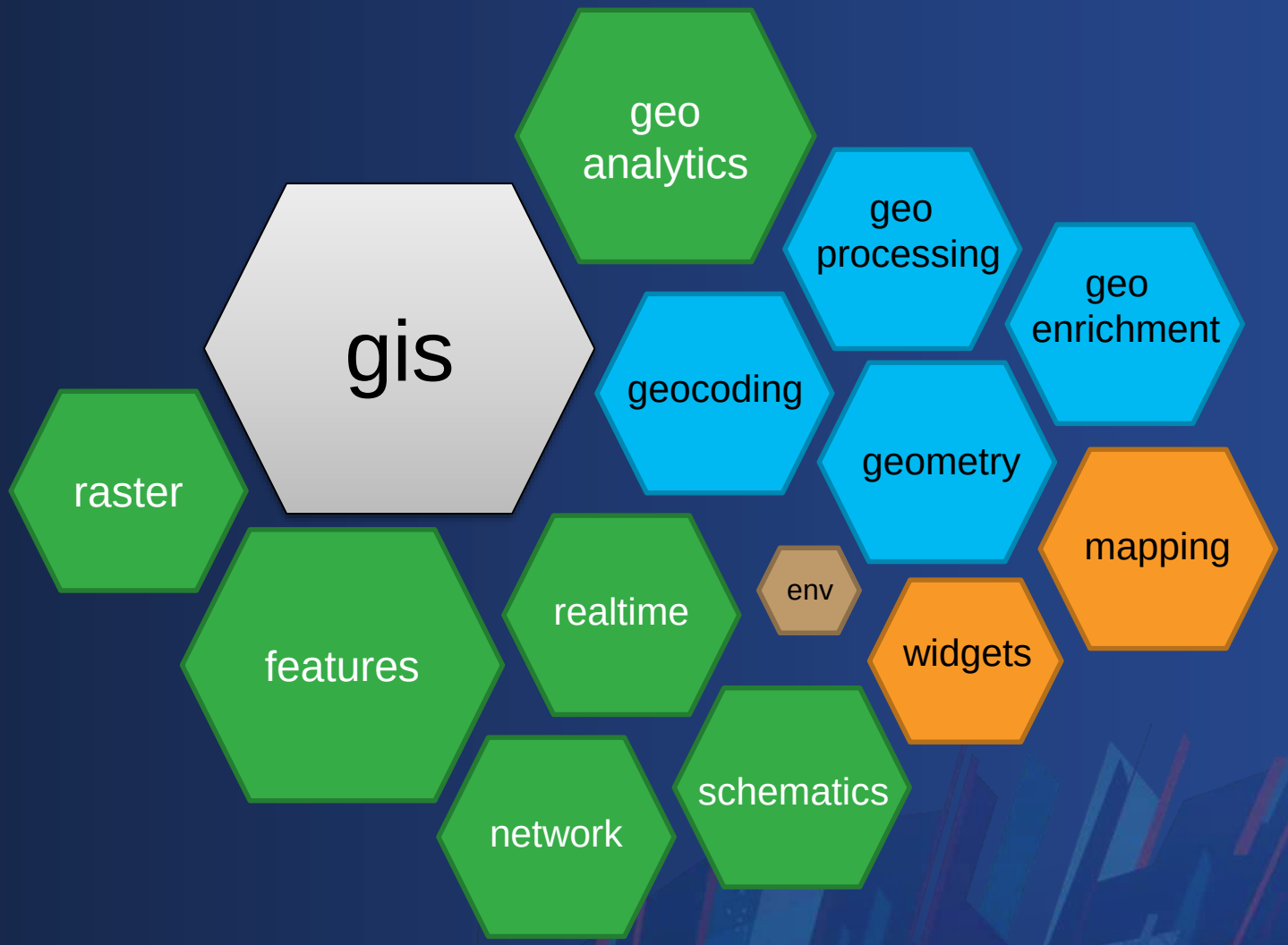
The gis Module



Demo

GIS Module

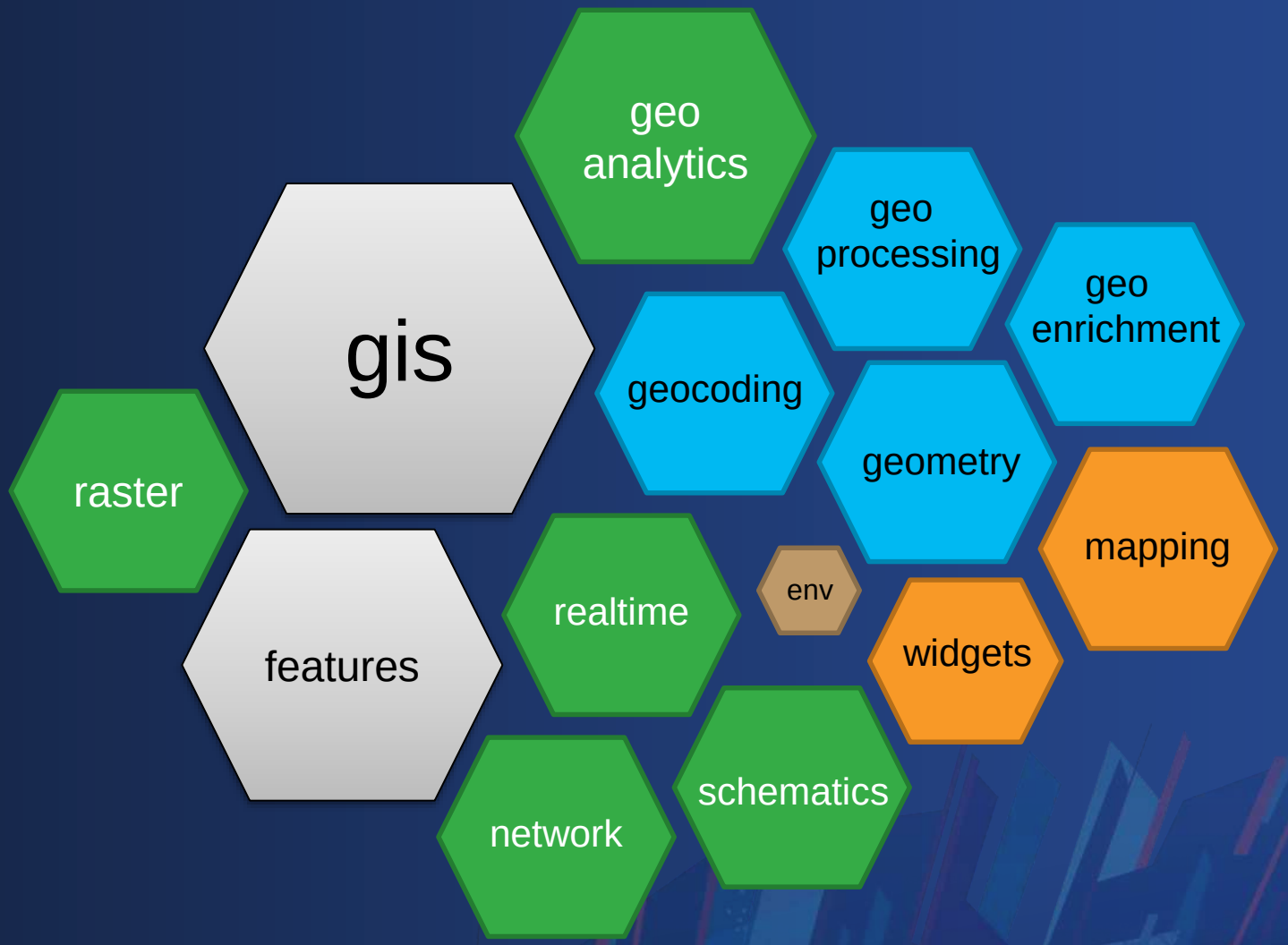
API Overview



Demo

Features Module

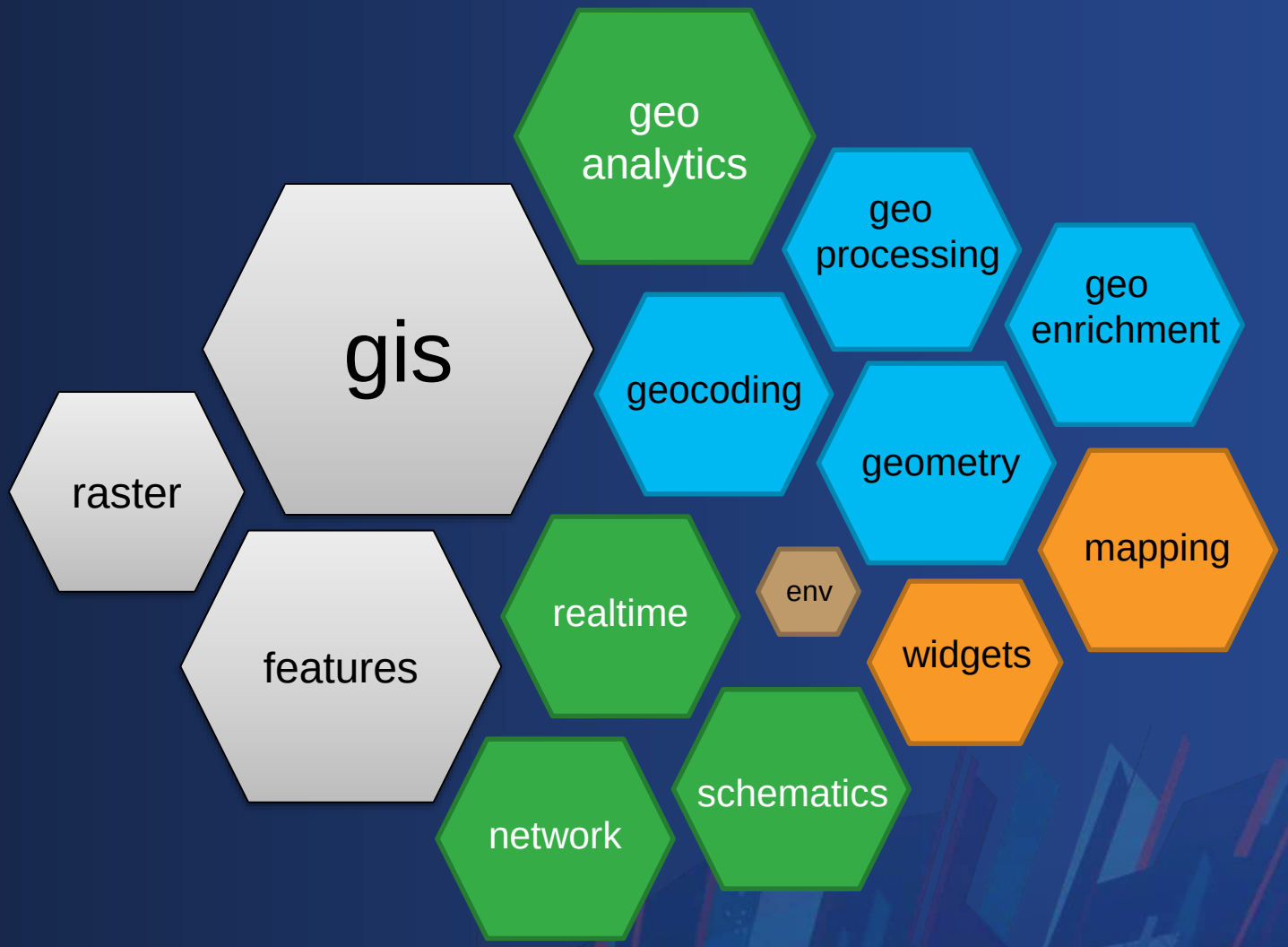
API Overview



Demo

Raster Module

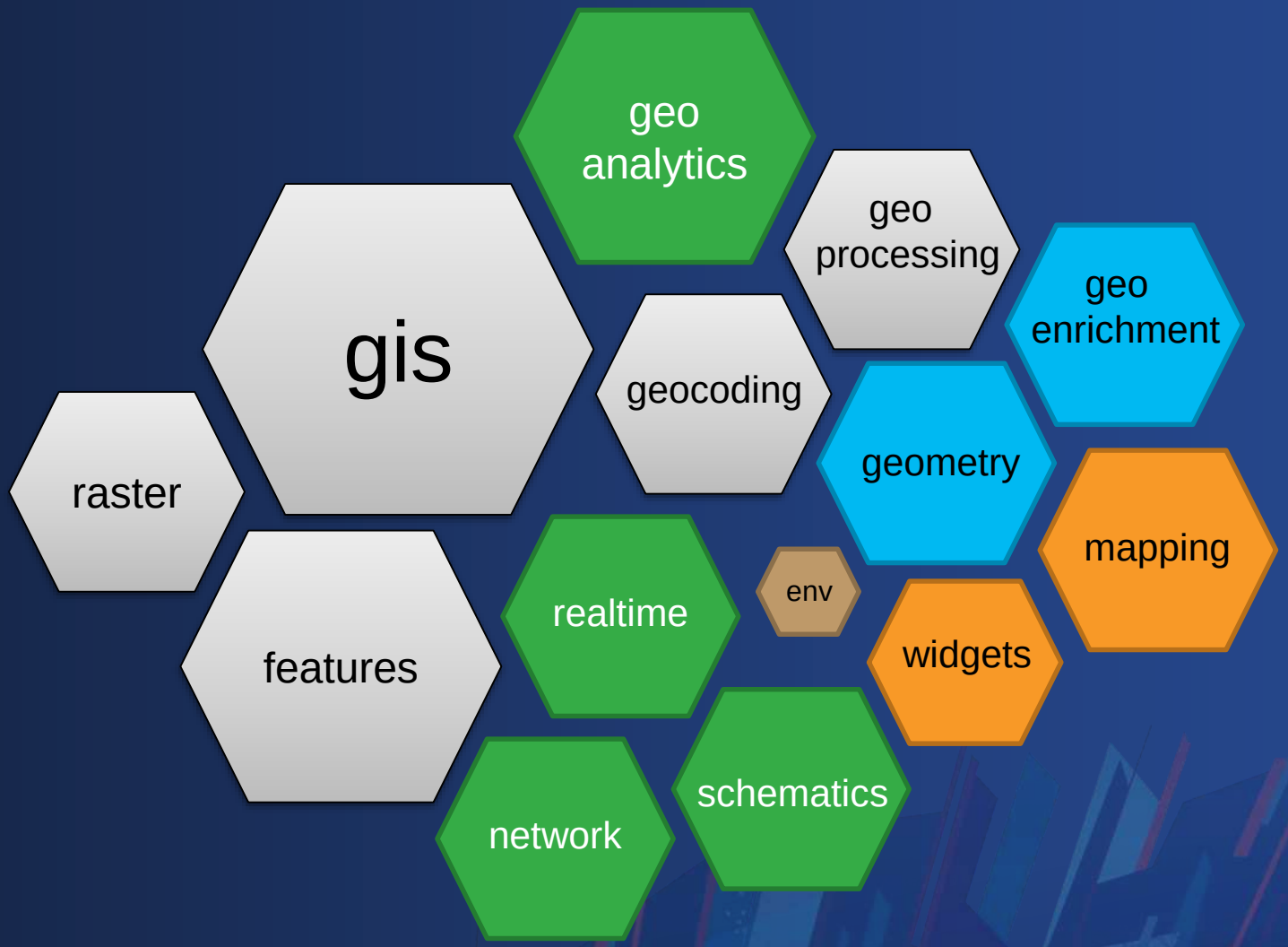
API Overview



Demo

Geocoding Module

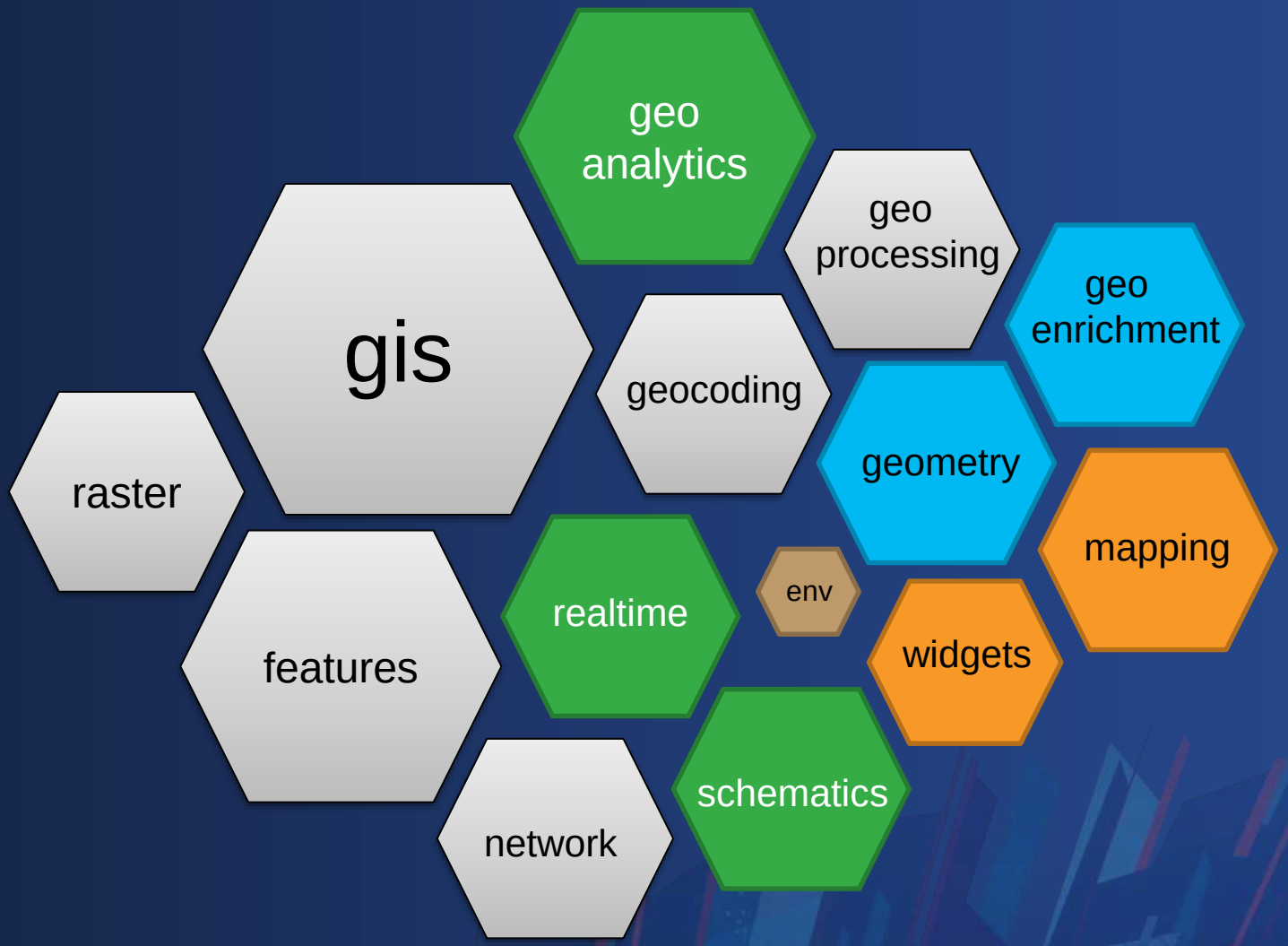
API Overview



Demo

Network Analyst Module

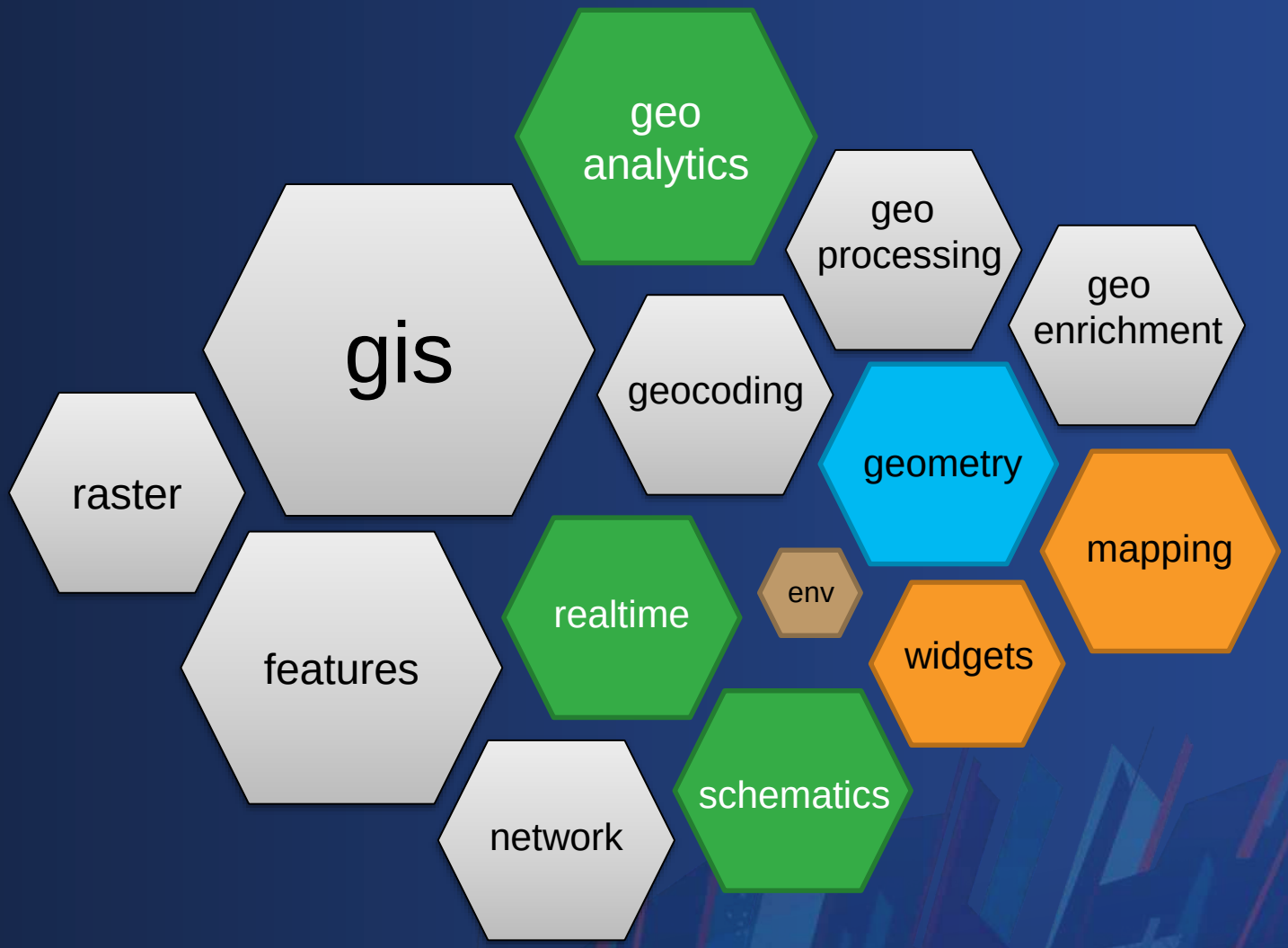
API Overview



Demo

Geoenrichment

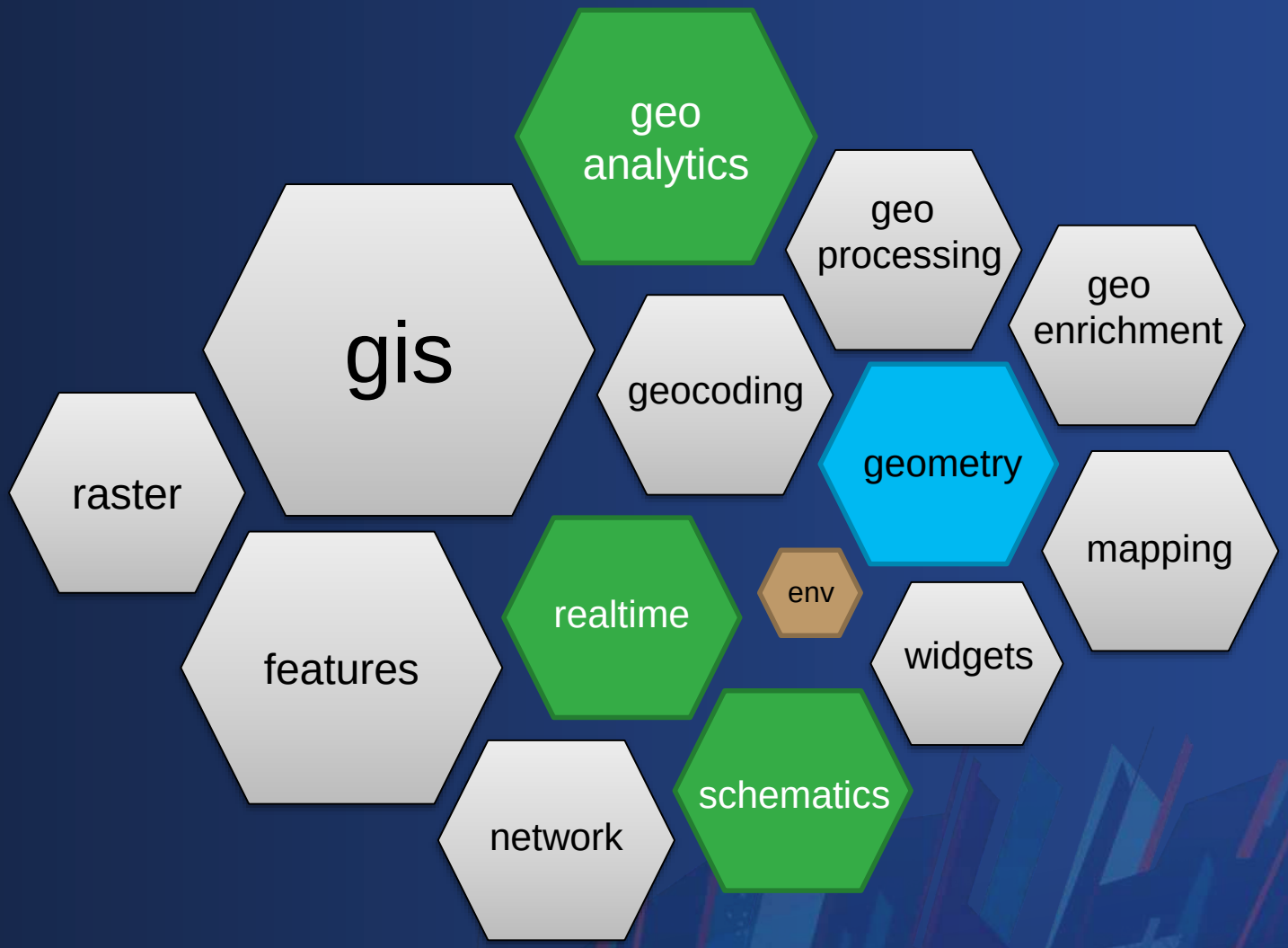
API Overview



Demo

Mapping

API Overview



How to get Involved?

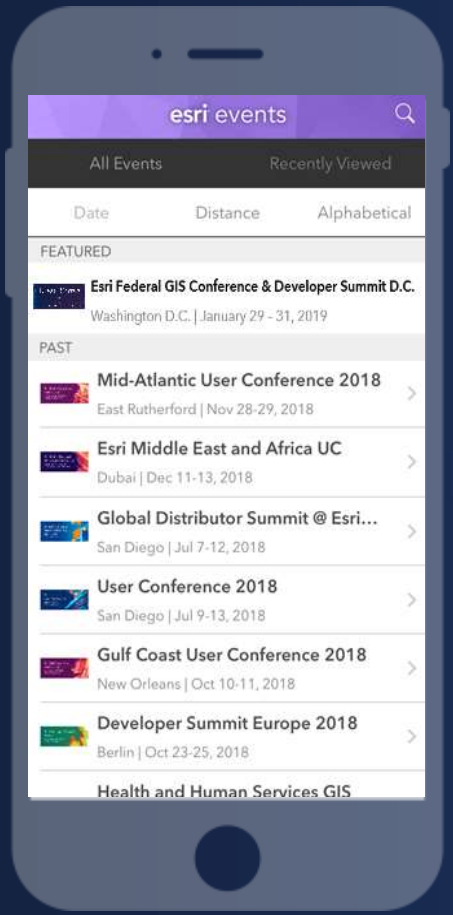
- **Go to: https://github.com/Esri/arcgis-python-api/issues**
  - **Log an issue, idea or enhancement request**
  - **WE LISTEN TO YOU!**

Questions

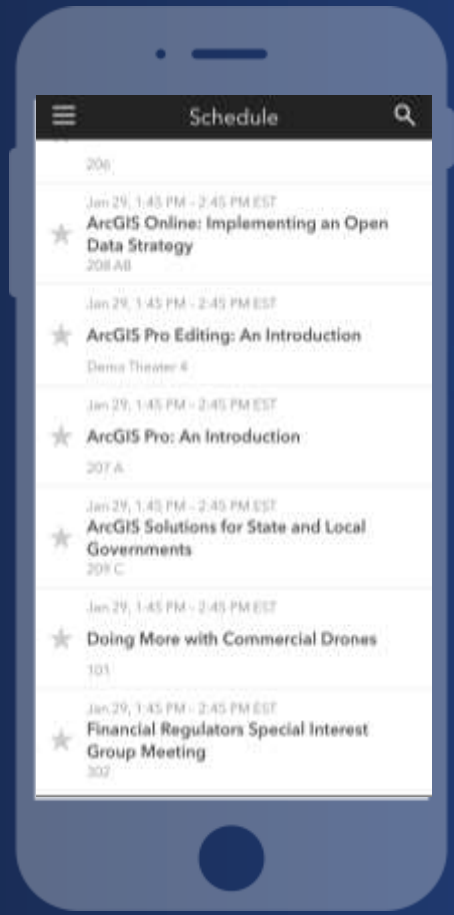
Please submit your feedback!

Please Take Our Survey on the App

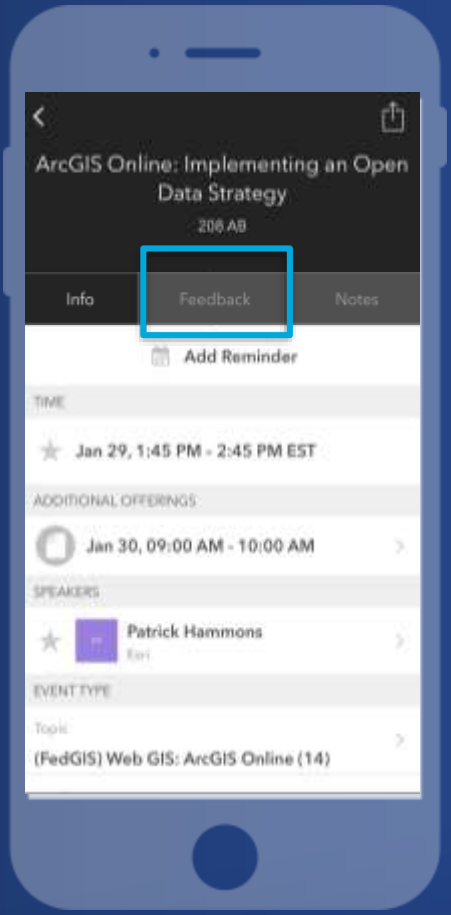
Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the feedback section



Complete answers and select “Submit”

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Print Stations Located at L Street Bridge

Tuesday

12:30 pm – 6:30 pm
GIS Solutions Expo
Hall D

5:15 pm – 6:30 pm
GIS Solutions Expo Social
Hall D

Wednesday

10:45 am – 5:15 pm
GIS Solutions Expo
Hall D

6:30 pm – 9:00 pm
Networking Reception
National Museum of Natural History

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