



Esri International Developer Summit

Palm Springs, CA

Python

Python is the language of the ArcGIS platform

Bill Moreland and Mark Janikas

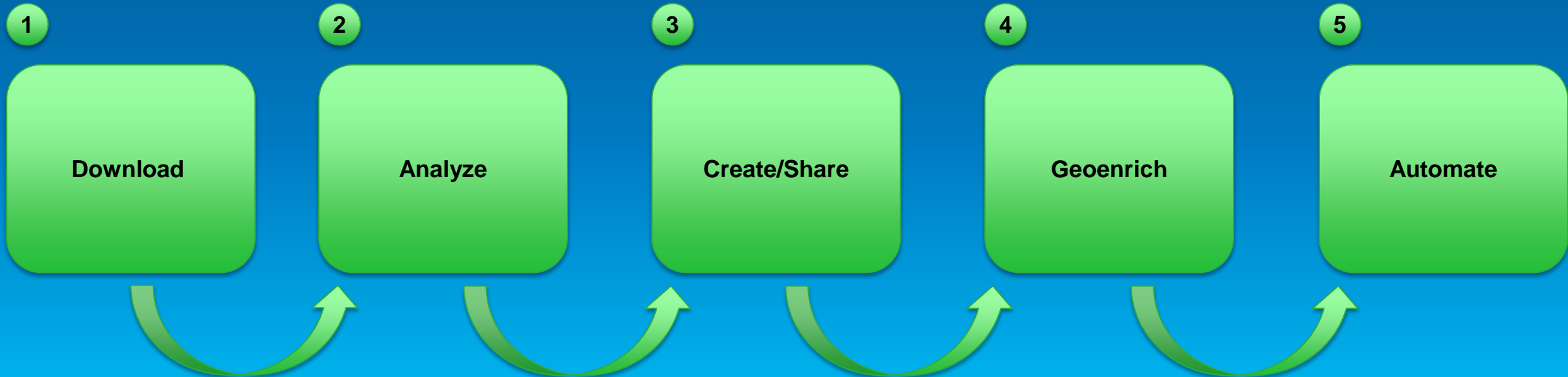
Demonstration

- **Problem Statement - Drought**
 - Social and Economic Impacts for the Western US
 - Specific focus on the Wine Industry
 - Monitoring Drought and Vineyards



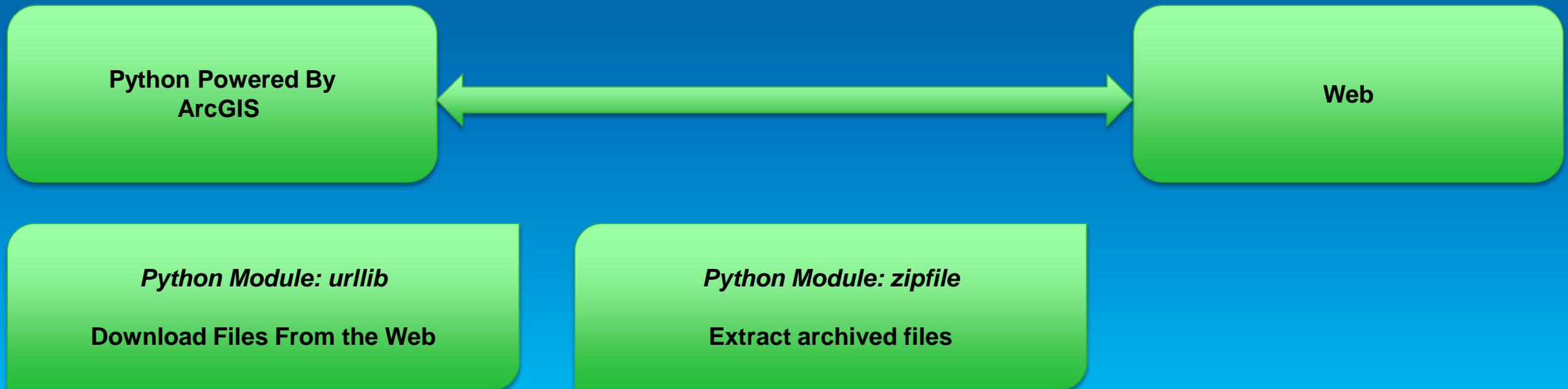
Python – From Start to Finish

Python Powered by ArcGIS



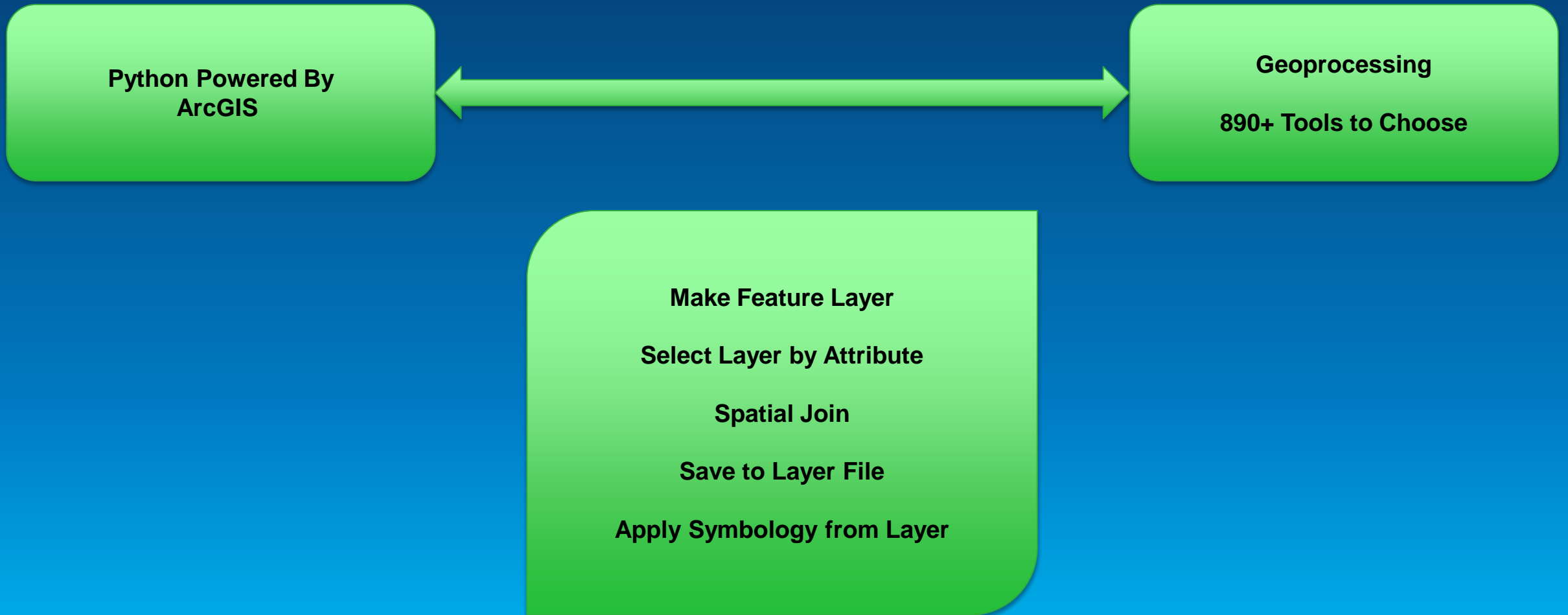
Step 1: Download and Extract Data from the Drought Monitor

Obtaining the Drought Zones

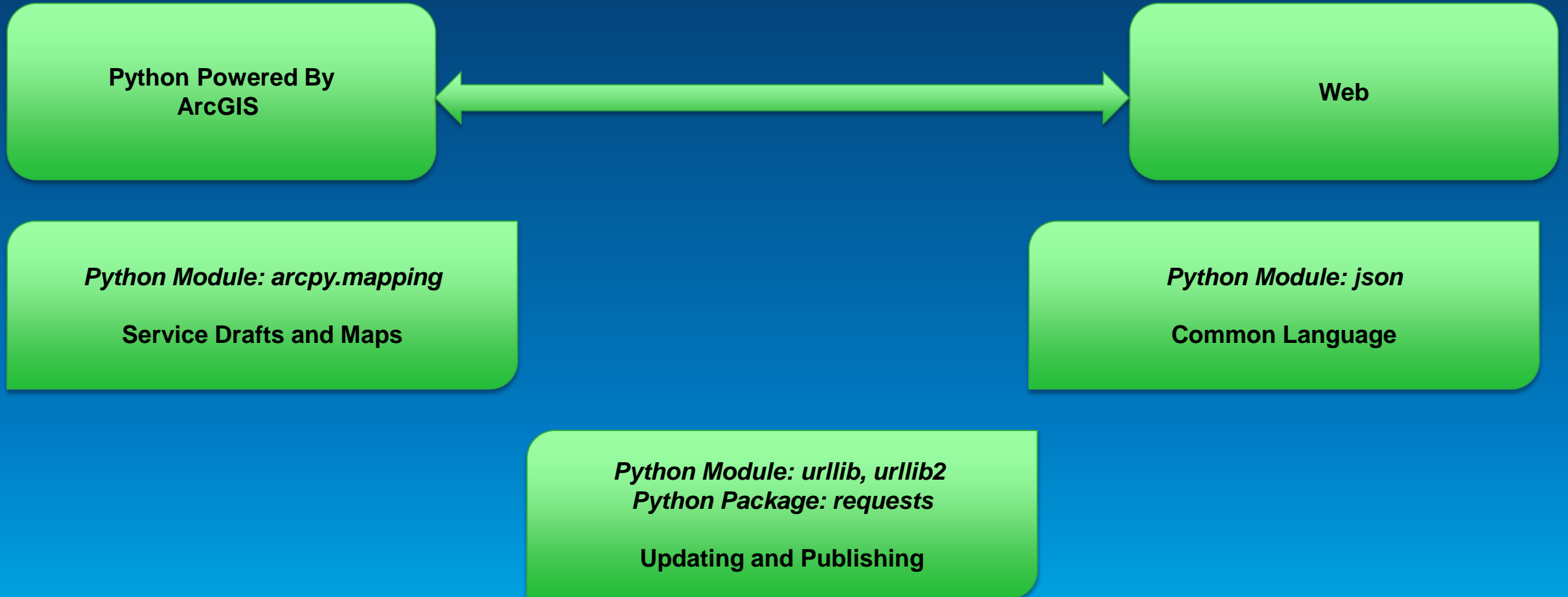


Step 2: The Power of Geoprocessing

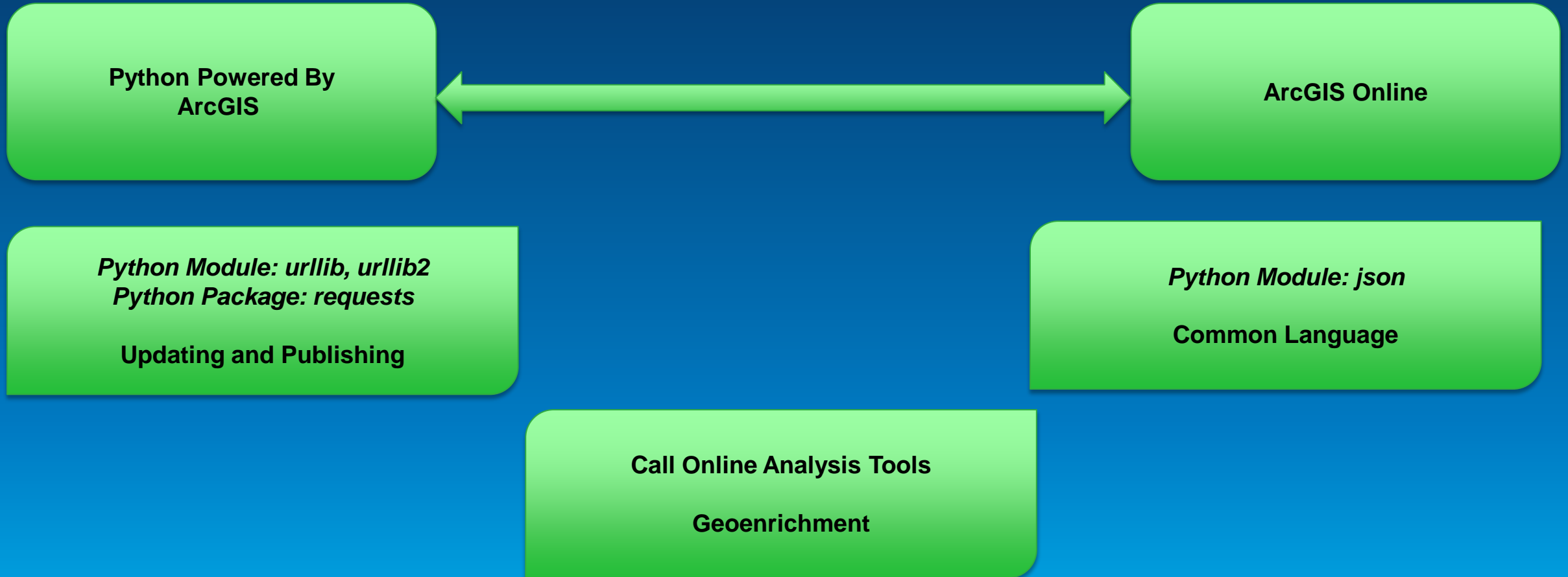
Selecting the Wineries within Drought Zones



Step 3: ArcPy – Managing Online Content



Step 4: Geoenrichment



Step 5: Automation



**Python Powered By
ArcGIS**

Python Package: python-crontab

Update every 7th Day

Availability

- github
 - <http://www.esriurl.com/pydev14>

The screenshot shows a GitHub repository page for 'mjanikas / devsummit-14-python'. The repository is public and has 8 commits, 1 branch, 0 releases, and 1 contributor. The description reads: 'Workflow to manage ArcGIS Online Content using Python. Example focuses on the effects of Drought on the Wine Industry in the US. — Edit'. The right sidebar contains links to Code, Issues (0), Pull Requests (0), Wiki, Pulse, Graphs, Network, and Settings. At the bottom, the SSH clone URL is provided: 'git@github.com:mj:'. The main content area shows a commit history table with columns for file name, commit message, and time ago.

File Name	Commit Message	Time Ago
unknown	authored a day ago	latest commit 2afecb3646
BeerWine	updated workflow	a day ago
CurrentDroughtConditions.lyr	Initial Commit	2 days ago
MapTemplate.mxd	Initial Commit	2 days ago
Python is the Language of G...	updated slides	a day ago
README.md	Working dir instructions	a day ago
publish_service.py	Dev Summit 14 Final Version	a day ago



Understanding our world.