

Image Segmentation and Classification

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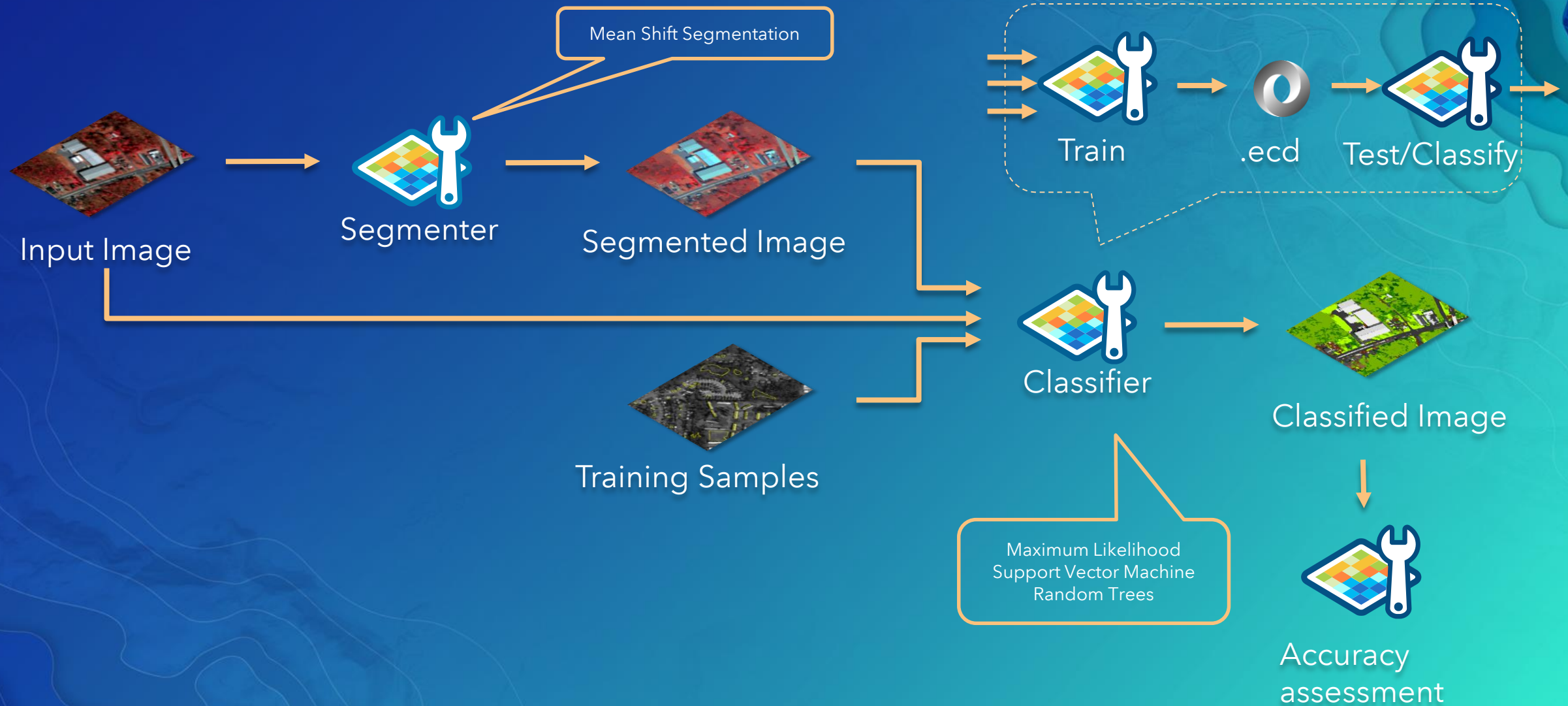
Support in different ArcGIS processing frameworks

	On-the-fly Processing	Geoprocessing	Raster Analytics
Segment	✓	✓	✓
Train		✓	✓
Classify	✓	✓	✓

Image Classification in Raster Analytics

- REST endpoint
 - [https://\[Your_ArcGIS_Server\]/arcgis/rest/services/System/RasterAnalysisTools/GPServer](https://[Your_ArcGIS_Server]/arcgis/rest/services/System/RasterAnalysisTools/GPServer)
- REST API doc
 - <http://resources.arcgis.com/en/help/arcgis-rest-api/index.html#/Segment/02r3000002z8000000/>
 - http://resources.arcgis.com/en/help/arcgis-rest-api/index.html#/Train_Classifier/02r3000002zm000000/
 - <http://resources.arcgis.com/en/help/arcgis-rest-api/index.html#/Classify/02r3000002zn000000/>
- No UI, yet

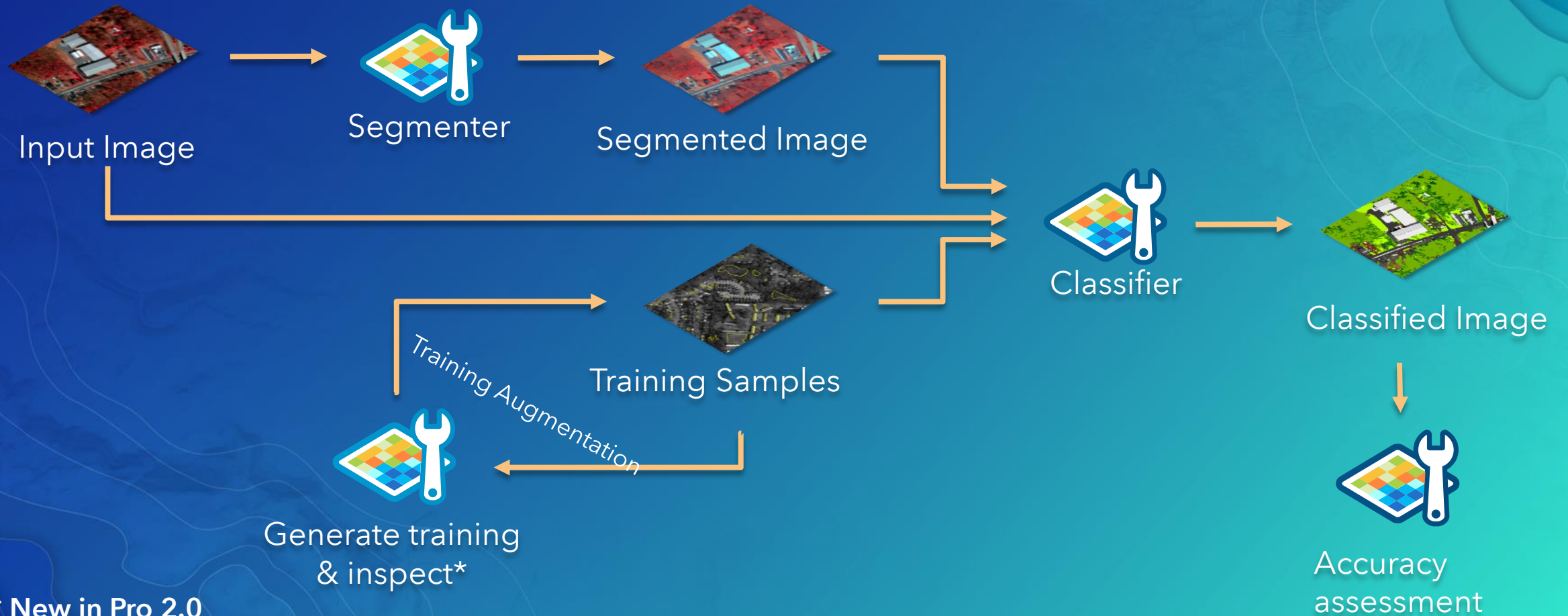
Supervised Image Classification





Demo: Supervised Classification

Supervised Image Classification

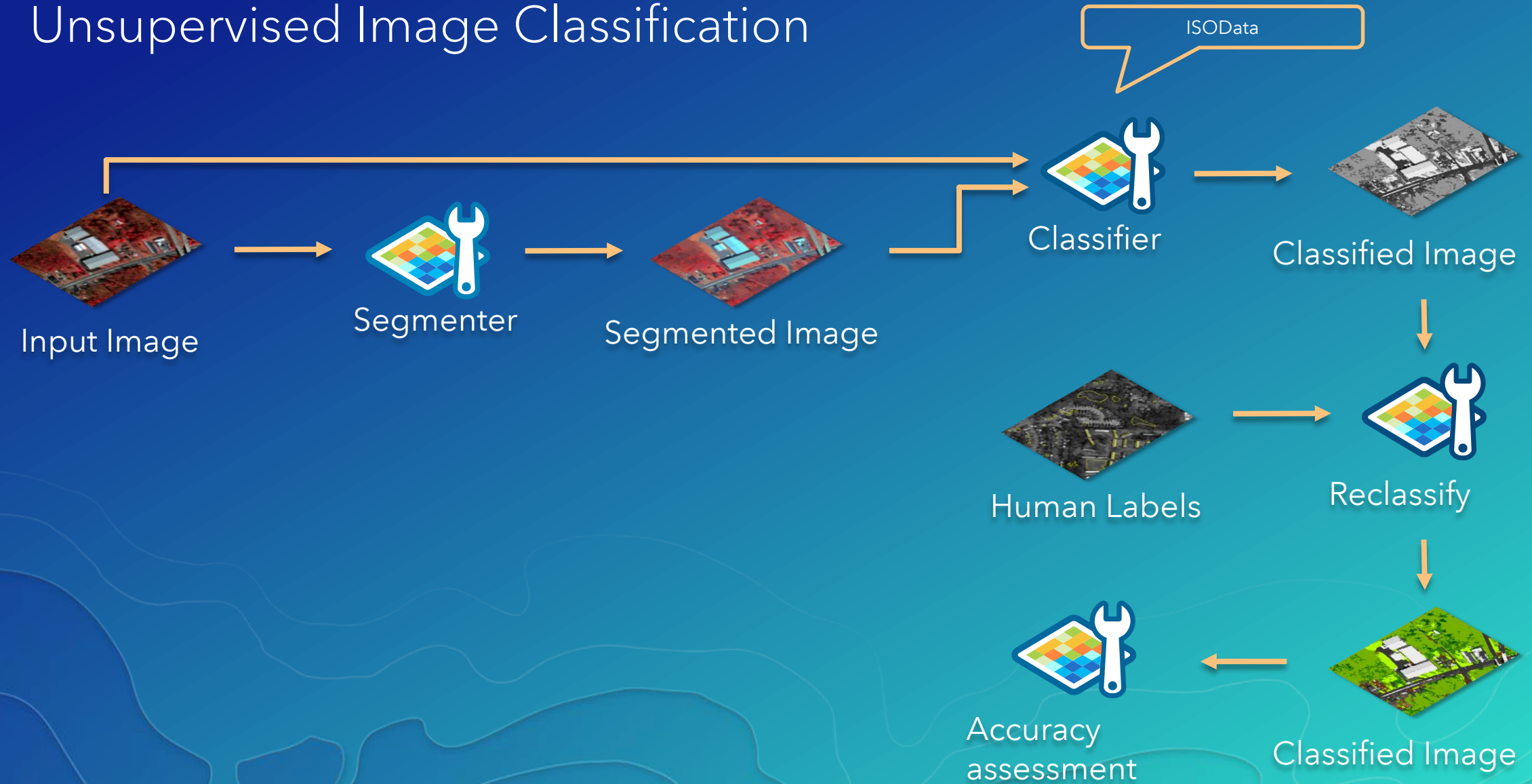


* New in Pro 2.0



Demo: Training Augmentation

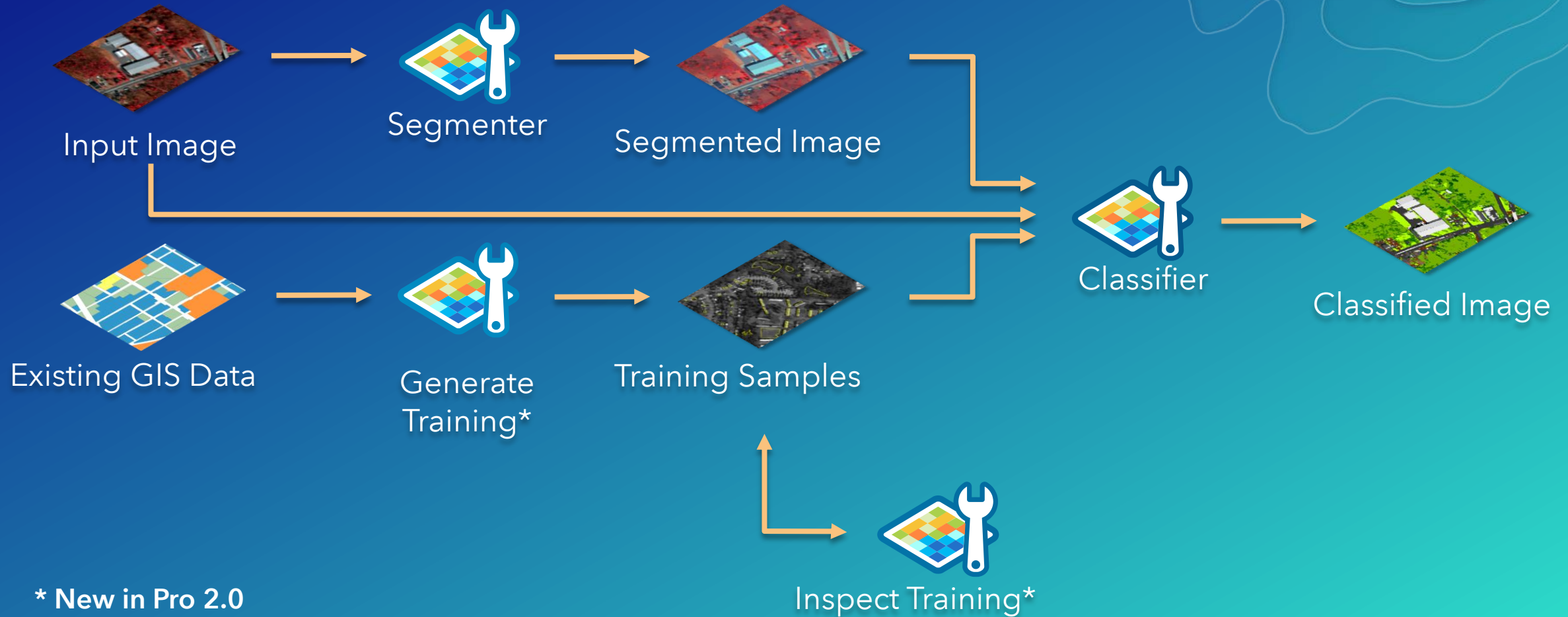
Unsupervised Image Classification



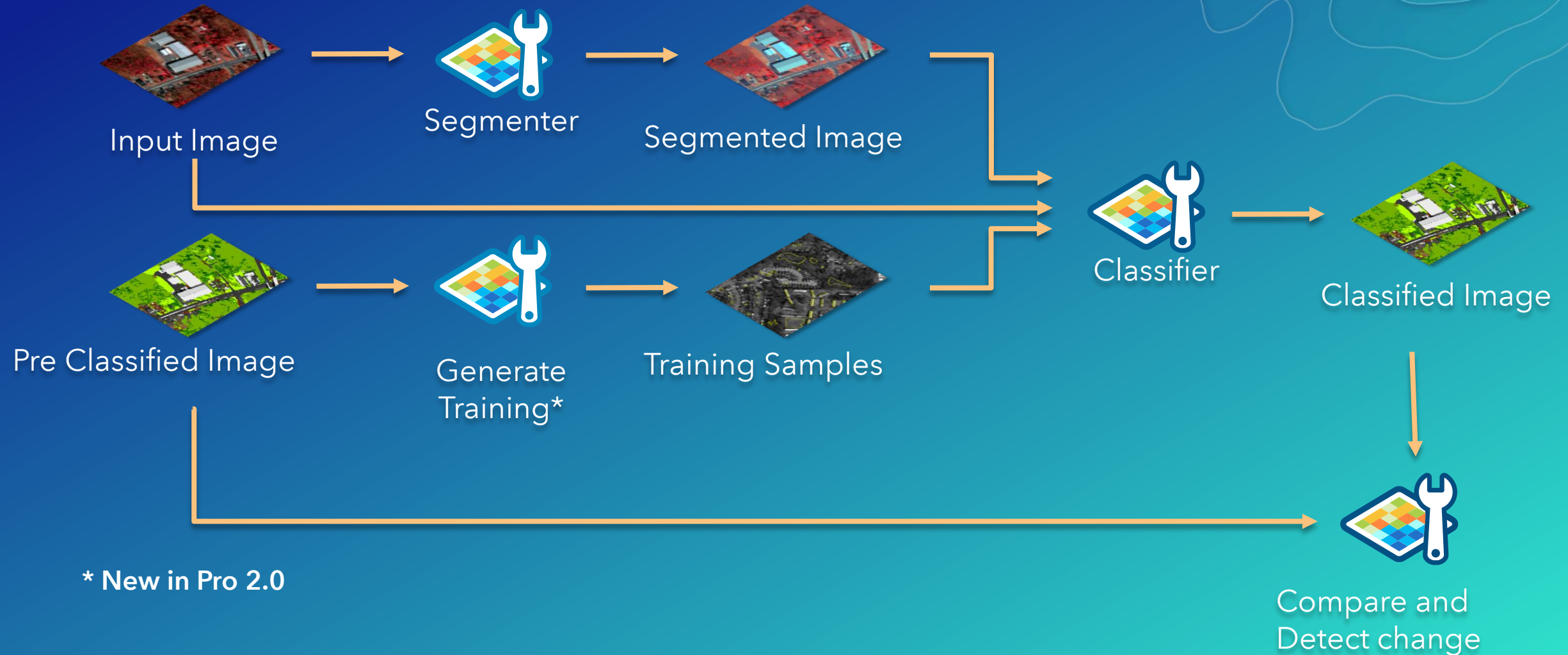


Demo: Unsupervised Classification

Generate training samples from existing source



Change detection based on image classification





Demo: Change Detection Based on Classification



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