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GIS Generations



Get 'real': Best practice analysis

with ArcGIS Pro

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What is Spatial Analysis?

Analysis transforms raw data into information or knowledge

Spatial analysis does this for geographic or spatial data

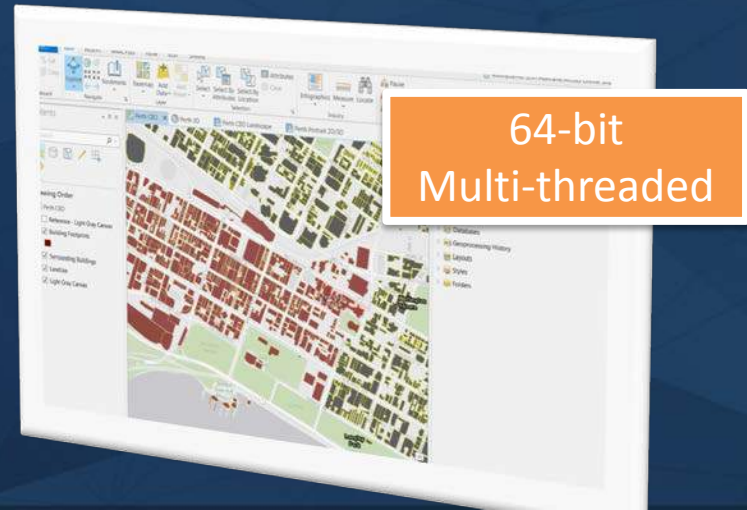
Analysis

- ArcGIS Pro provides capabilities for performing analysis in 2D and 3D

Performance (>20%)

Scalability

Visualisation

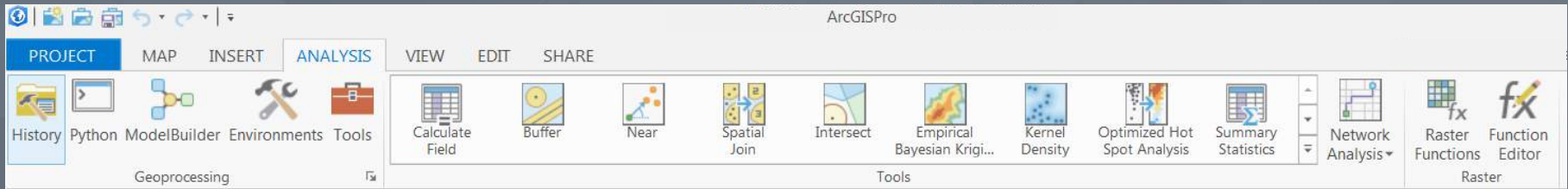


Analysis

The ANALYSIS ribbon tab provides access to:

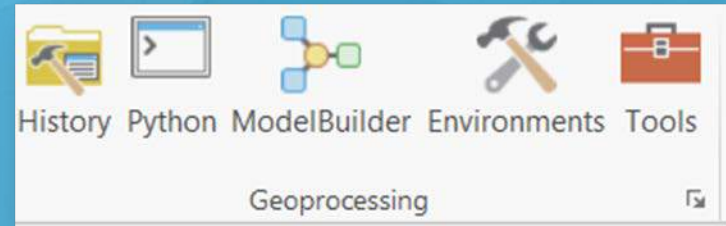
Gallery of analytical tools
Suite of all geoprocessing tools
Python command line

Modelbuilder
Network analysis
Image processing



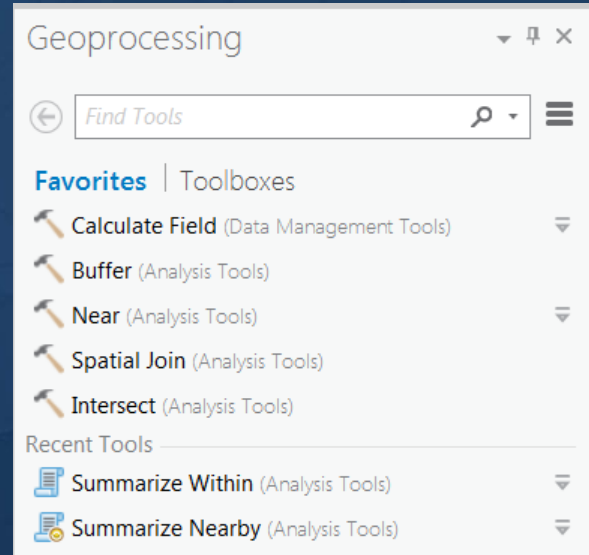
Geoprocessing

- Most tools, models and Python scripts that work in ArcMap work in Pro
 - **ArcObjects-based custom tools are not supported**
- Analyze for Pro tool checks models and scripts for unsupported tools, data and Python code



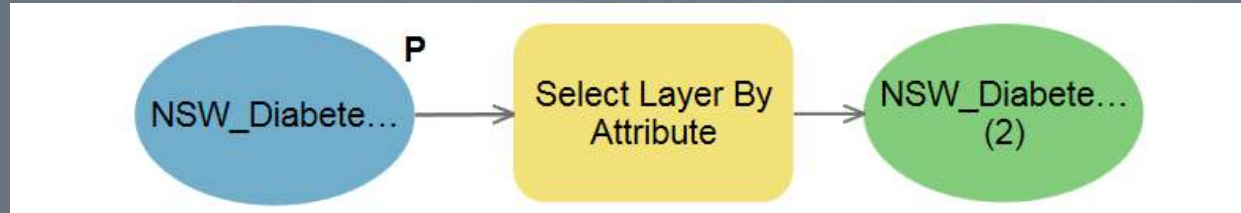
Geoprocessing

- The geoprocessing pane
 - Search for tools
 - View geoprocessing history
 - Browse list of available tools
- Tool dialogues open in pane, keeping map in focus



Create a Geoprocessing Workflow

- Build a model in ModelBuilder



- Run Python code

Python

Enter Python code here

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Demo

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WRAP UP

- **Make analysis easy**
Single tools that run common workflows
- **Make it fast**
More tools that use parallel processing and improvements to vector overlay
- **Better and more correct analysis results**
Better distance calculations / geodesic

SOLUTION MIX

Technology:

ArcGIS Pro

Data:

XXX

Resources:

<http://pro.arcgis.com/en/analysis>

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Thank you

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A network diagram graphic consisting of four nodes connected by lines, positioned to the right of the Ozri 2015 GIS Generations text.

Thank you

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A network diagram graphic consisting of four nodes connected by lines, positioned above the ESRI AUSTRALIA USER CONFERENCE text.

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