What is Spatial Analysis?

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Spatial analysis is...
Spatial analysis framework

1. Frame your question
2. Understand your data
3. Choose your methods
4. Process your data
5. Review your results
A sample analysis
Analysis 1

**Question:** What is the distribution of population changes between CY2000 and CY 2010?

**Data:** US Counties, Census information for 2000, 2010

**Method:** Calculate the difference in population county-by-county

**Perform:** Use the Field Calculator


**Review:**
Analysis 2

**Question:** What is the distribution of normalized population changes between CY2000 and CY 2010?

**Data:** US Counties, Census information for 2000, 2010

**Method:** Calculate the difference in population county-by-county

**Perform:** Use the Field Calculator


**Review:**
Session Evaluation - www.esri.com/sessionevals
What is spatial analysis...

- Process
- Seek
- Understand

- Examine
- Explain
- Technique

- Answer
- Method
- Study
Spatial analysis is...