Geographic Data Science

Space, formally

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ESDA

Exploratory Spatial Data Analysis

[Exploratory]

Focus on discovery and assumption-free investigation

[Spatial]

Patterns and processes that put *space* and *geography* at the core

[Data Analysis]

Statistical techniques

Questions that **ESDA** helps…

Answer

- *Is the variable I'm looking at concentrated over space? Do similar values tend to locate closeby?*
- *Can I identify any particular areas where certain values are clustered?*

Ask

- *What is behind this pattern? What could be generating the process?*
- *Why do we observe certain clusters over space?*

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