

ISATIS.PY

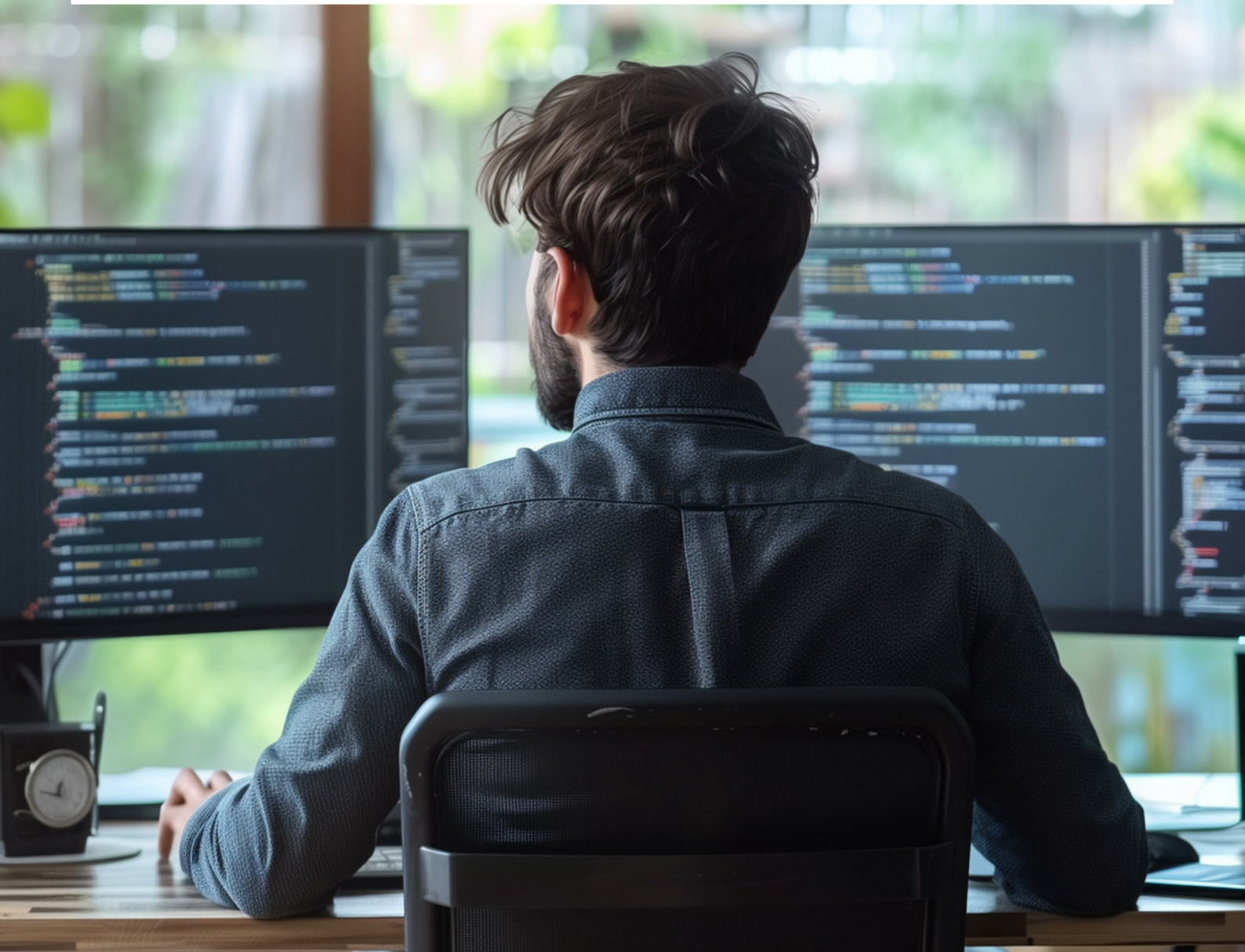
Advanced Geostatistics in a library for Python

Model your resources with confidence, adapt your workflows to fit your business needs, and automate them with ease. All powered by the proven geostatistics of Isatis.neo, now available in a Python library.

All the flexibility you need at your fingertips.

Who uses Isatis.py

- ✓ Developers
- ✓ Engineers in Mining, Oil & Gas, and Environmental Industries



KEY BENEFITS

"Isatis.py lets us easily explore the full geostatistical workflow with Python's flexibility, while using all the trusted tools of Isatis.neo. It's also a great way to support student learning." — Universidad de Santiago de Chile



Seamless integration with Isatis.neo

- Identical results between software and library
- Perfect for validation and workflow testing



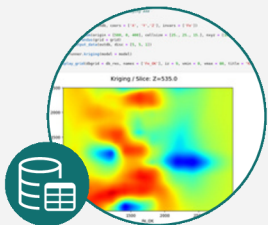
Full modeling capabilities

- Data preparation, transformation, variography
- Kriging, Uniform Conditioning and Conditional Simulations for risk analysis
- Local anisotropy
- Multivariate geostatistics
- Direct Isatis.neo database access



Built for developers

- Fully compatible with Python and Jupyter environments
- Seamlessly integrates with Machine Learning, data science and visualization libraries
- Workflow automation and customization

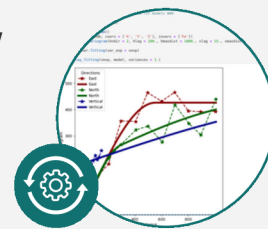


Designed to handle big data

- Parallelized and multithreaded
- Handles millions of cells
- High-speed processing on Windows and Linux

Flexible. Scalable. Ready for any workflow

- Custom process development
- Integration into existing software
- Scalable from prototyping to production
- Maintains geostatistical rigor across platforms



Power, flexibility, and performance directly in your Python environment

Ready to bring premium geostatistics to your workflows?
Contact our sales manager: binet@geovariances.com.

