

Carbonate CZ-RCN Potential Data Processing Tools

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Highlighted Python Libraries:

*The following is composed of general Python libraries that are useful for any data processing in Python, and are not specific to hydrogeology.

- **NumPy:** Numerical Python: most essential library for scientific computing, Machine Learning, and Deep Learning. Many other libraries are built on this:
 - [NumPy Link](#)
- **Matplotlib:** Most popular library for data exploration and data visualization:
 - [Matplotlib Link](#)
- **Pandas:** Organize, manipulate, and analyze data frames in Python (similar to Excel Notebook format):
 - [Pandas Link](#)
- **SciPy:** Free Python equivalent to Matlab:
 - [SciPy Link](#)
- **Scrapy:** Tools to extract, process, and store data from websites:
 - [Scrapy Link](#)
- **Plotly:** Data visualization library with high quality and interactive charts:
 - [Plotly Link](#)
- **Seaborn:** Data visualization library similar to matplotlib with additional features:
 - [Seaborn Link](#)
- **Scikit Learn:** Library for Machine Learning in Python:
 - [Scikit Learn Link](#)