Project Required Resources and Development Environment

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Development Environment

- VSCode
  - Editing files
  - Running code
- IPython
  - Run code in isolated snippets
  - Used in scientific computing and data analysis
Tools

- **Numpy**
  - Tools for creating matrices
  - Optimized for numerical computing

- **GOATOOLS**
  - Python library for retrieving various information about GO terms
    - textual definition
    - term’s namespace (MF, BP, CC)
    - parent and child terms
    - shortest path to root term
Datasets

- Full Correlation matrix
- PPI network data
- BIOGRID data
- Gene Ontology data
Project Progress

- All datasets available in Python
- Currently trying to evaluate networks with use of GO