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 - `README.md`: This file typically contains information about the project, how to install and use it, and any other important details.
 - `requirements.txt`: A list of Python packages required to run the project. This can be used with pip to install all dependencies at once.
 - `setup.py`: Setup script for packaging and distribution of the project.
 - `.gitignore`: Specifies files and directories to be ignored by version control systems like Git.
 - `docs/`: Folder for project documentation. This can include user guides, API documentation, etc.
 - `src/`: Source code folder. Contains the main code of the project, organized into modules and submodules.
 - `tests/`: Folder for unit tests. Contains tests for various modules and functions in the project.
 - `data/`: Folder for input and output data files used by the project.
 - `notebooks/`: Folder for Jupyter Notebooks. These can include exploratory data analysis, prototyping, and other interactive analyses.
 - `scripts/`: Folder for utility scripts. These can include scripts for data processing, cleaning, or any other auxiliary tasks.

This folder structure provides a clear separation of concerns and makes it easy to locate different types of files within the project. Additionally, it facilitates collaboration and maintenance by following common conventions and standards.

