Hi, we are building a risk system for a stock portfolio. We have a sample-data.py that gets our sample data and saves it to a csv file and we have a exploratory-analysis.py that does a exploratory analysis on the sample data. We also created a my-functions.py file which will store our functions for the risk system project.

That sounds like a good approach for organizing your project. It's always a good idea to keep your code organized and modular, and using separate files for your sample data, analysis, and functions can help with that. By doing this, you can easily reuse the code in the future and make it easier for others to understand and work with your project.

In terms of the risk system itself, there are many different ways that you can approach building it. Some common approaches include using statistical techniques to model the risk of individual stocks, as well as using machine learning algorithms to make predictions about the overall performance of a stock portfolio.

Regardless of the approach you take, it's important to carefully consider the assumptions and limitations of your system, and to regularly evaluate and test it to ensure that it is accurate and effective. By doing this, you can help to minimize the risks associated with your stock portfolio and make more informed decisions about your investments.

For now I have these files in my project repository: - AAPL.csv, AMZN.csv GOOGl.csv and MSFT.csv each corresponding to stock data of a singular stock - data.csv which holds information about the weights of the portfolio - exploratory-analysis.py which is a python script to perform exploratory data analysis - my\_functions.py which is a script with three function definitions inside - sample-data.py which is a script that generates my sample data - README.md How should I organize my folder?

It sounds like your current organization is already fairly clear and well-structured, with separate files for your sample data, analysis, and functions. One way that you could further organize your project is to create a separate directory for each of these different types of files, such as a "data" directory for your sample data files, an "analysis" directory for your exploratory analysis script, and a "functions" directory for your function definitions.

Another way to organize your project would be to create a separate directory for each individual stock, and then include the corresponding CSV file for that stock as well as any other files (such as analysis or function scripts) that are specific to that stock. This can help to keep your files organized and easier to find.

Ultimately, the best approach will depend on the specific needs and goals of your project. As long as you keep your files organized and clearly named, it should be relatively easy for others to understand and work with your project.

What is the usual repository folder organization for a data analysis project?

There is no one "right" way to organize a repository for a data analysis project, as the specific needs and goals of each project can vary. However, there are some common approaches that many data analysts use to keep their projects organized and easy to work with.

One approach is to create a separate directory for each stage of the data analysis process, such as a "data" directory for raw data files, a "preprocessing" directory for any scripts or files used to clean and prepare the data for analysis, an "analysis" directory for any scripts or files used to perform the actual analysis, and a "results" directory for any output files or figures generated by the analysis.

Another approach is to organize your project by the type of data or analysis being performed. For example, you could create separate directories for different types of data (such as "numeric" and "categorical"), or for different types of analysis (such as "statistical" and "machine learning").

Ultimately, the best approach for organizing your repository will depend on the specific needs and goals of your project, as well as the preferences of your team or collaborators. As long as you keep your files organized and clearly named, it should be relatively easy for others to understand and work with your project.

And if I have .docx files with annotations about the project? Where should I put it?

!

Conversation not found

And if I have word files with annotations about the project? Where should I put it?

!

Conversation not found

And if I have text files with notes about the project? Where should I put it?