Instruction Document

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This document is designed to help readers understand the contents of the different files in this folder and quickly find or reproduce a task. This document contains descriptions of all files in a table. At the end, there is also a github link containing the github repository of the project.

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| Task1\_Analyze.xlsx | Data source file, provided by the task provider, containing the data involved in the project. |
| Task1.ipynb | Python code to complete Task 1. For details, see the comments in the code. |
| Task1\_report.xlsx | Task 1 Final Result. |
| Task2.ipynb | Python code to generate the visualization in Task 2, including an interactive visualization (users can freely select different countries, regions, income groups, etc. to deeply analyze the patterns and differences in global medical spending), a static visualization (a basic version of the interactive visualization), and some simple statistical analysis to get some insights. |
| Task2\_Static.png | Static Visualization and result of Task 2. |
| Task2.html | Interactive visualization and result of Task 2. (Note: This is just one of the interactive visualizations. Since the interactive design cannot be completely saved in the HTML file, please access the .ipynb file and run it to get the complete interactive visualization). |
| Task2\_files folder | Supporting documents for Task 2 interactive visualization |
| Task3.ipynb | Python code generation task3 visualization. |
| Task3\_figure.png | Visualization designed for Task 3 slide, can better show the data characteristics. |
| Task3\_slide.pptx | Task 3 result, a well-designed slide. |

For more details, please refer to <https://github.com/felixazzzz/Health-Expenditure-Analysis-Python>