AE6102 - Parallel Scientific Computing and Visualization(Spring 2023)

Team : **Sifar**(190050004, 190050062, 190050096)   Due: *April 14, 2023*

Project: *3D Visualization and Analysis of Seismic Volumes*   Project Update: *03*

Updates

- Project GitHub repository: https://github.com/rajagond/AE6102_sifar

- We updated the code for `TraitsUI` library for GUI for a simple scene case of `MayaVI` and the code is updated in the *code-traitsui* folder of the repository. We tested multiple scenes and also used the volume slicer library to make projections analysis of the `segy` data in `traitsUI`.

- We also tested the implementation of `Tkinter` along with `traitsUI`. We replaced the logic using only Tkinter's file dialog interface and integrated it along with `traitsUI` and `MayaVI`.

- We have also created a GUI in `traitsUI` which takes user files as inputs which can be `segy` or `npy` files, and analyse the selected files.