**How to start:**

Open cmd in this dir

virtualenv venv

venv\scripts\activate

pip install -r requirements.txt

upload the .las file to this directory

open “3d atvaizdavimas” in code editor and run the code

**how the code works:**

After running the code, you should see a tkinter table with the amount of points in the las file, the smallest and largest x,y,z values, 2 input fields where you can choose which x,y coordinates you want to check and the range at which distance according to the selected coordinate you want to see neighboring points.

After submit you have to see a 3d photo with the selected point rendering.

**Warning** - if you choose a large number of points (range), the program may freeze.

We recommend starting with (range +- 500) and monitoring your operating system.

technical issues:

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backup:

https://github.com/vytautasskipitis/Matom-AI-task