

Welcome and thank you for showing interest in this study!

As part of my master's thesis at FH Technikum Wien, I developed a **3D visualization tool** that visualizes the training process of a **neural network**, which is a type of machine learning model.

The mode of this study is a **short quiz** about neural networks.

You can freely prepare using **ONE** of two provided materials, which is either my program, NeuralVis, or a text about Neural Networks.

**In short:**

1. Prepare for the quiz by
  - a. **Either** using NeuralVis, the visualization tool
  - b. **Or** using the provided text material
2. Close NeuralVis or the text
3. Complete the google forms quiz

**Links:**

Google forms quiz: <https://forms.gle/8bnLKefSnLM7qKjW7>

**NeuralVis:**

On Windows, extract the zip folder into an empty folder, then run the application within.

NeuralVis for Windows: [https://drive.google.com/file/d/1rJFlkBr96-WpsMAmgzHt39YYzx\\_5e-8j/view?usp=sharing](https://drive.google.com/file/d/1rJFlkBr96-WpsMAmgzHt39YYzx_5e-8j/view?usp=sharing)

NeuralVis for macOS: [https://drive.google.com/file/d/1J43\\_L79kteWhncxmJFAv-2FBJJgj\\_wqP/view?usp=sharing](https://drive.google.com/file/d/1J43_L79kteWhncxmJFAv-2FBJJgj_wqP/view?usp=sharing)

**Text material:**

<https://drive.google.com/file/d/1yAbEKmxNjiVX9L9d9SJHxeEkZfkmNLMt/view?usp=sharing>

**TROUBLESHOOTING on page 2**

It's likely that your OS will try to block the application, as it is not signed by code signing certificate. To circumvent this block:

**Windows:** Allow to run the app in the SmartScreen popup:

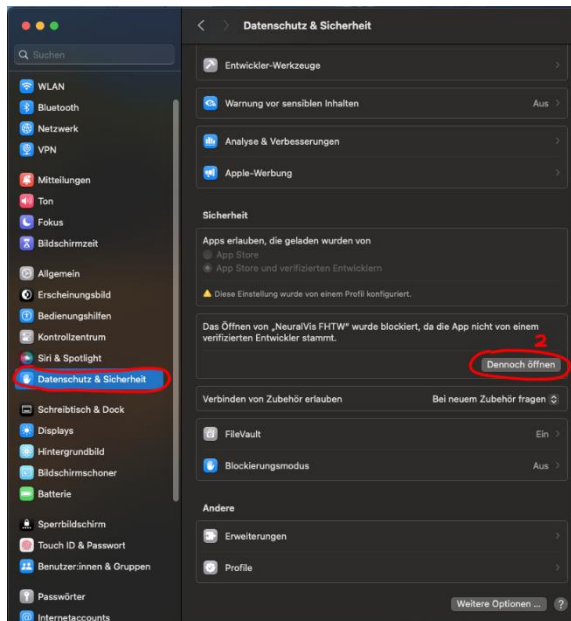


**macOS:**

1. You will see a popup blocking access to the app, click OK to close it:

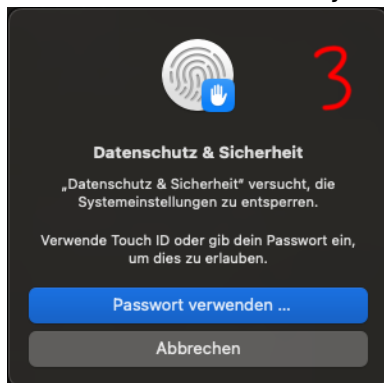


2. Next, in your settings, under the “Privacy & Security” section, you will see a message that NeuralVis was blocked. There, click on “Open Anyway”:



(step 3 on next page)

3. You will be asked to enter your credentials in order to proceed:



4. Lastly, click "Open" in the new popup:



Alternatively, you can click "Open In Finder" in the popup from step 1. In the Finder, hold CTRL/Control and right click on the app. You will be able to open the app in a similar way to previously described.