**Guide to make use of Nerfstudio Nerfacto**

* The original repository link has all the instructions you need and I am just going to mention below any additional thing that is needed– <https://docs.nerf.studio/en/latest/quickstart/installation.html>

**Additional Info:**

* Go through Installtion page first
* Then we move on to Using custom data page:

<https://docs.nerf.studio/en/latest/quickstart/custom_dataset.html>

* If having issues in Colmap, you can use same instructions as mentioned in Instant NGP guide. And you don’t need FFmped if using images only and don’t want animated output.
* The following command below:  
    
  ns-train nerfacto --data {PROCESSED\_DATA\_DIR}

nerfacto is the current model and you can try others too but they end up giving some issue or another. Here are the other methods mentioned- <https://docs.nerf.studio/en/latest/nerfology/methods/index.html>

* While the model is training, you can use the viewer as well to see how the rendering is happening. Here’s the youtube tutorial for the same- <https://youtu.be/nSFsugarWzk>
* And finally the mesh generation part is explain well in this link - <https://docs.nerf.studio/en/latest/quickstart/export_geometry.html>   
    
  Poisson surface results are much better in comparison to TSDF. But remember to run the training with normals as True:  
    
  ns-train nerfacto --pipeline.model.predict-normals True