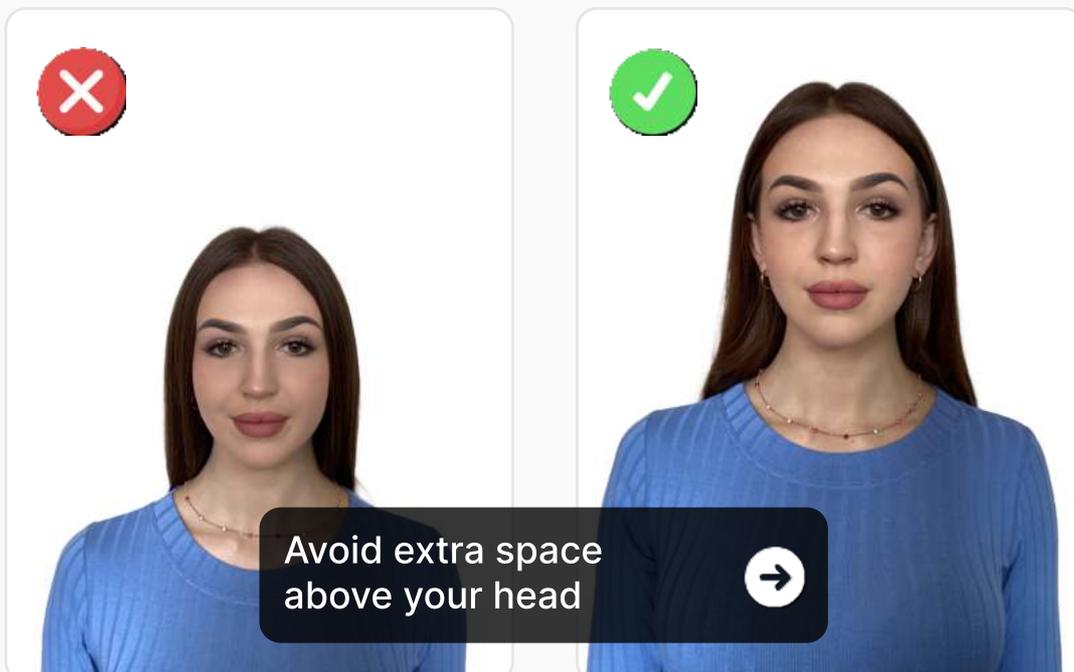
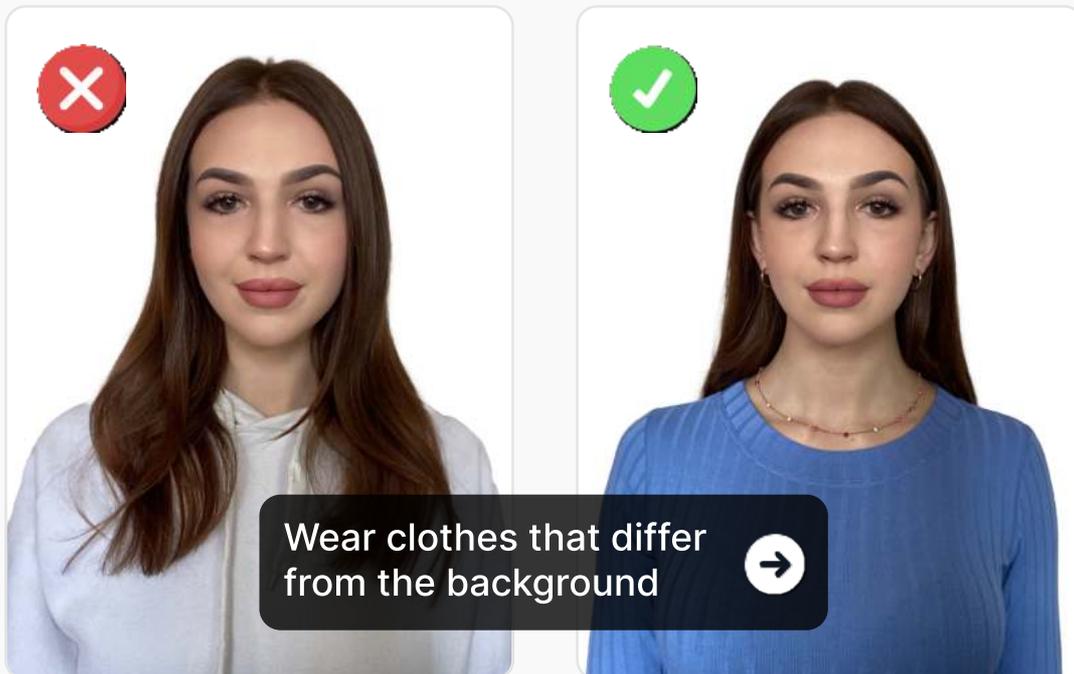


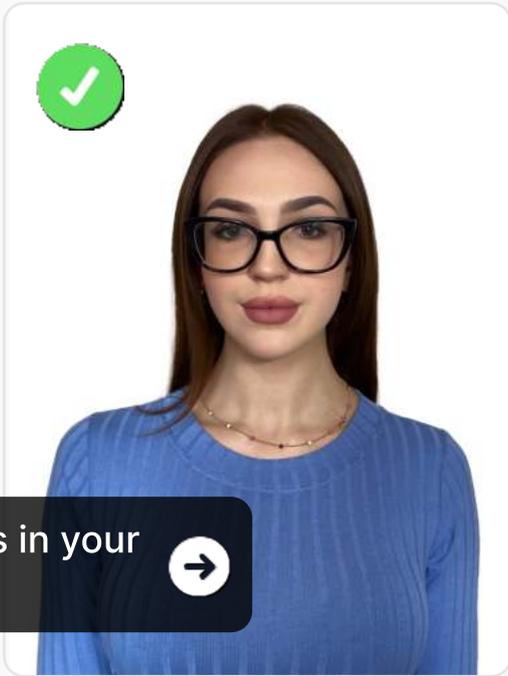
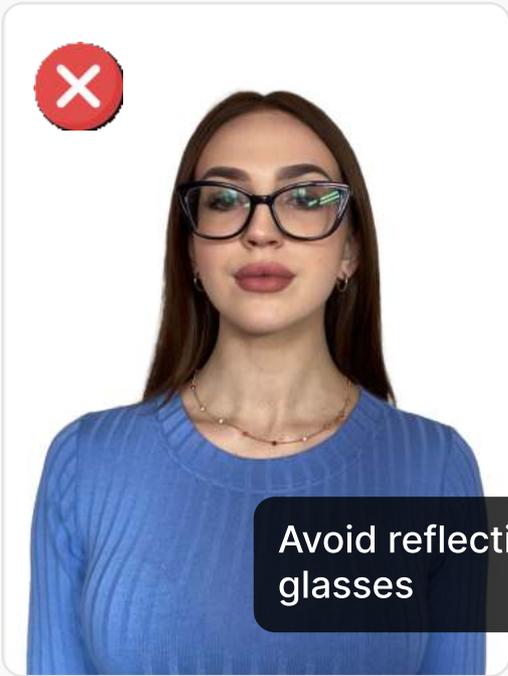
# Custom avatar footage instructions

The quality of your avatar will 100% depend on the footage being made in accordance with instructions. We don't modify your footage, it will be used as it is. We only modify your mouth according to speech.

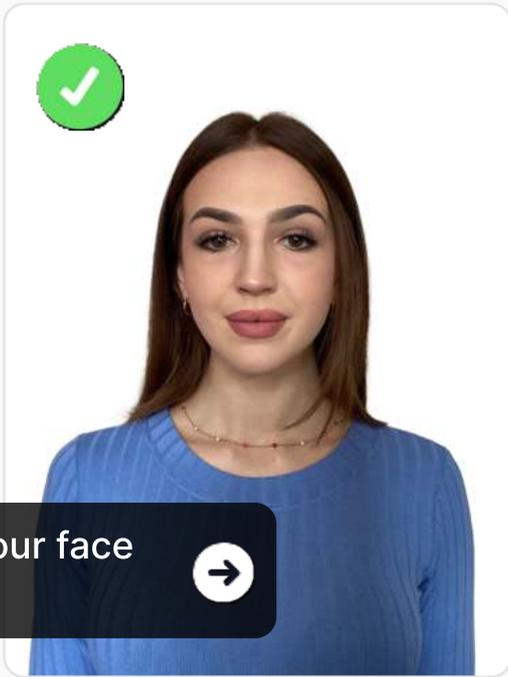
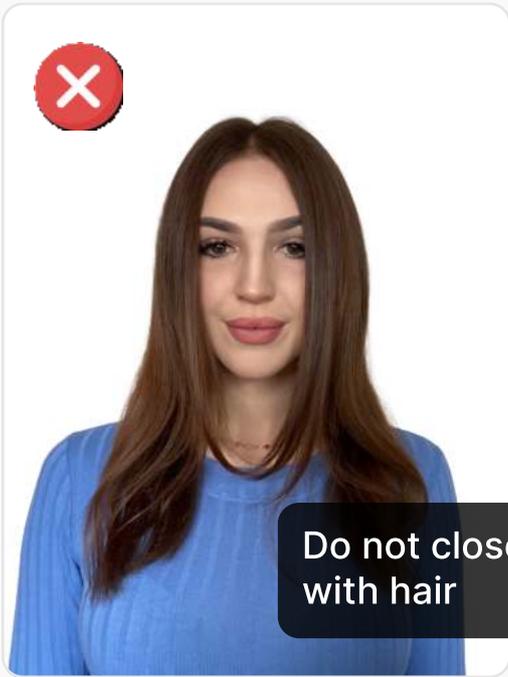
## TO-DOs and NOT-TO-DOs

(with examples)

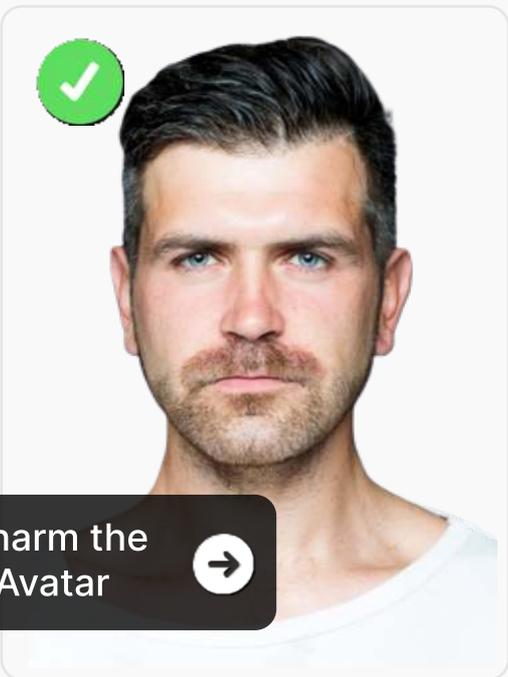




Avoid reflections in your glasses



Do not close your face with hair



Big beard can harm the lip sync of the Avatar



## We recommend to avoid

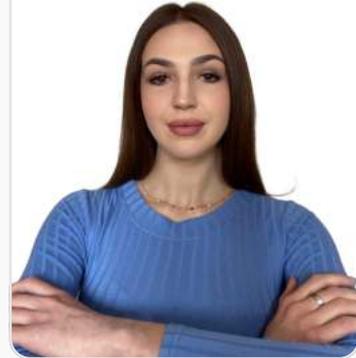
 Do not close your face with hands



 Avoid emotional facial expression



 Do not show your hands



 Choose proper lighting



 Do not turn your head



 Do not look down



 Do not look aside



 Do not spread your hands



 Keep your mouth closed during pauses



 Do not tilt your head



## 1. Preparation 📹

- Book a studio with a good camera and green background available;
- Clothes, haircuts, and makeup will stay the same as in your footage. We won't be able to change the avatar's looks later. Please make sure that the clothing will fit most of your videos;
- Your hair shouldn't cover your face;
- Pro tip: try speaking with 2-3 seconds pauses at home so you can fully focus on filming quality footage at the studio;
- Avoid too much free space above your head. The bigger your head will be - the better quality we can achieve;
- Avoid shadows under the nose and around the neck. Make the light more diffused. Shadows in the area of the mouth make lip-sync quality worse. Use more scattered light if possible;
- Minimize glare on teeth. Such glare can appear on your teeth in unexpected places during model inference;
- Avoid too big head angle. If you turn your head for more than 10 degrees left or right, a face mask can look wrong on such frames.

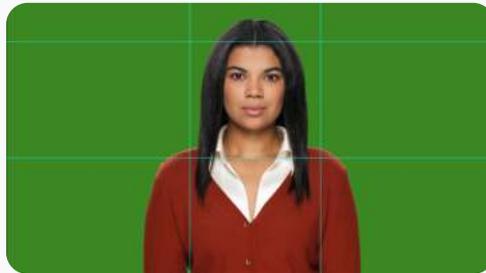
## 2. Technical requirements ⚙️

- The green background is very important and preferred.
- Good lighting ensures the high quality of the footage, so using professional operators and lighting services is worth it.
- Clear audio must be included. Please speak loudly and ensure there is no extra noise. It is ideal to use a professional microphone.
- The camera should film at least in Ultra HD (4K) and support 30FPS, better 6K or 8K. The higher resolution your footage will have, the better quality avatar will have. Note that to achieve best quality your head should be at least 800px and face at least 600px height.

Here is the maximum distance of an actor to the camera to achieve the needed face resolution depending on your camera's resolution. The higher resolution your camera has, the smaller size of the face would work to train the model. 📺



**Full HD**



**4K**



**6K**

### 3. Speech 🗣️

- Your footage should contain at least 2 uninterrupted speeches;
- Each speech should be 2 minutes long;
- Look exactly at the camera during the shot;
- Your movements should be natural and calm. You can use a few gestures and facial movements, but don't be too expressive. Expressive head and body movements won't match the speech and make it look less natural;
- Your speech topic and the language choice do not matter. Just tell about anything to feel comfortable;
- Make small pauses (1-3 seconds). Do them when you finish with idea so they feel natural. 4-5 pauses per speech would be enough. Pauses should be natural and with mouth closed;
- To make the quality even better, you can also record additional 2 minutes of more expressive and amplitude movements of your mouth, so our AI can learn how your mouth and your teeth look and move. Don't be shy to open your mouth widely here;
- We recommend speaking the same language in the recording that you will mostly use for your Avatar. For instance, if you want your Avatar to speak mostly English, make footage in English too so the lipsync will correspond to the sound of the language. Kindly remind you that you can use your Avatar with any language and accent available in the builder, but this tip will enhance the quality of Avatar's lipsync.