OPEN SOURCE FRAMEWORKS

TENSORFLOW: Google Tensorflow, an open-source software framework for building and using machine learning neural networks, is very easy to set up and extend. It's the most popular deep learning framework, with the largest number of GitHub stars and the second-highest percentage of open source repositories.

RNN : RNN is an emerging framework for supervised learning and has an extremely flexible and intuitive interface. It's also suitable for designing algorithms for "deep learning," which can be used to distinguish between "like" and "dislike" in data sets.

THEANO: Theano, an open-source python library for deep learning, is also popular in the neural processing and data science communities. It's widely known for making it easy to implement complex neural networks by abstracting away the neural network components It's often used to build and train AI models on graphics processing units (GPUs) and has been adopted by Facebook for both training and deploying AI applications.

PyTorch : PyTorch is an optimized Python framework for building machine learning algorithms. Researchers often use it for research purposes, but it's also popular among developers who use Tensorflow. Medium is a free, open-source Python framework for creating systems, large or small. According to the developers, it's the most "intuitive" framework for building systems because it has the most comprehensive interface to hardware accelerators and a friendly API.

Caffe2 : It is essential to understand that Caffe2 is not a traditional framework for AI training. Instead, it is a trained inference engine based on Neural Networks. The end goal of Caffe2 is to provide the best results in a highly efficient manner compared to Caffe. Caffe2 is a powerful open-source library that makes it easy to create deep learning models using the PyTorch framework. We can quickly develop scalable models and get rid of the typical computations involved in traditional models.


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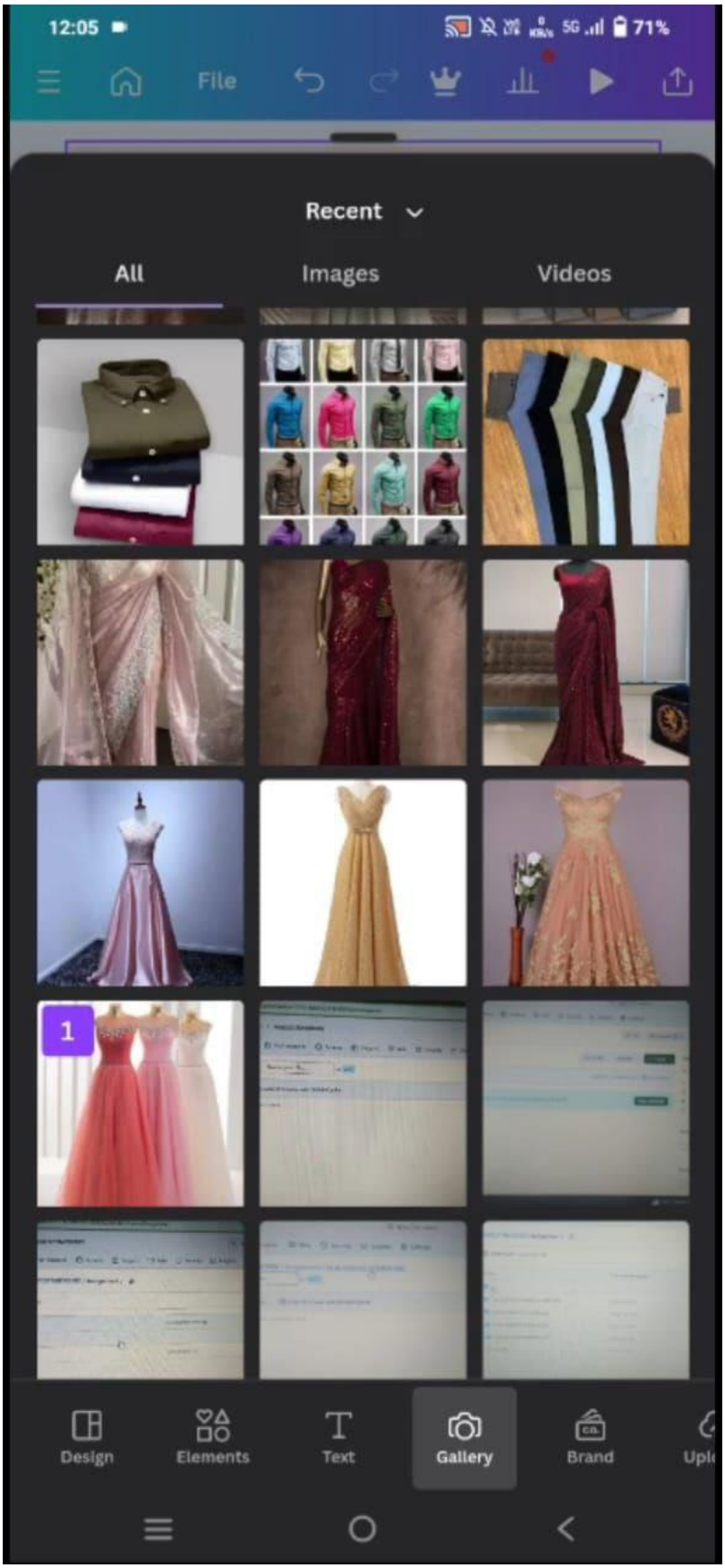
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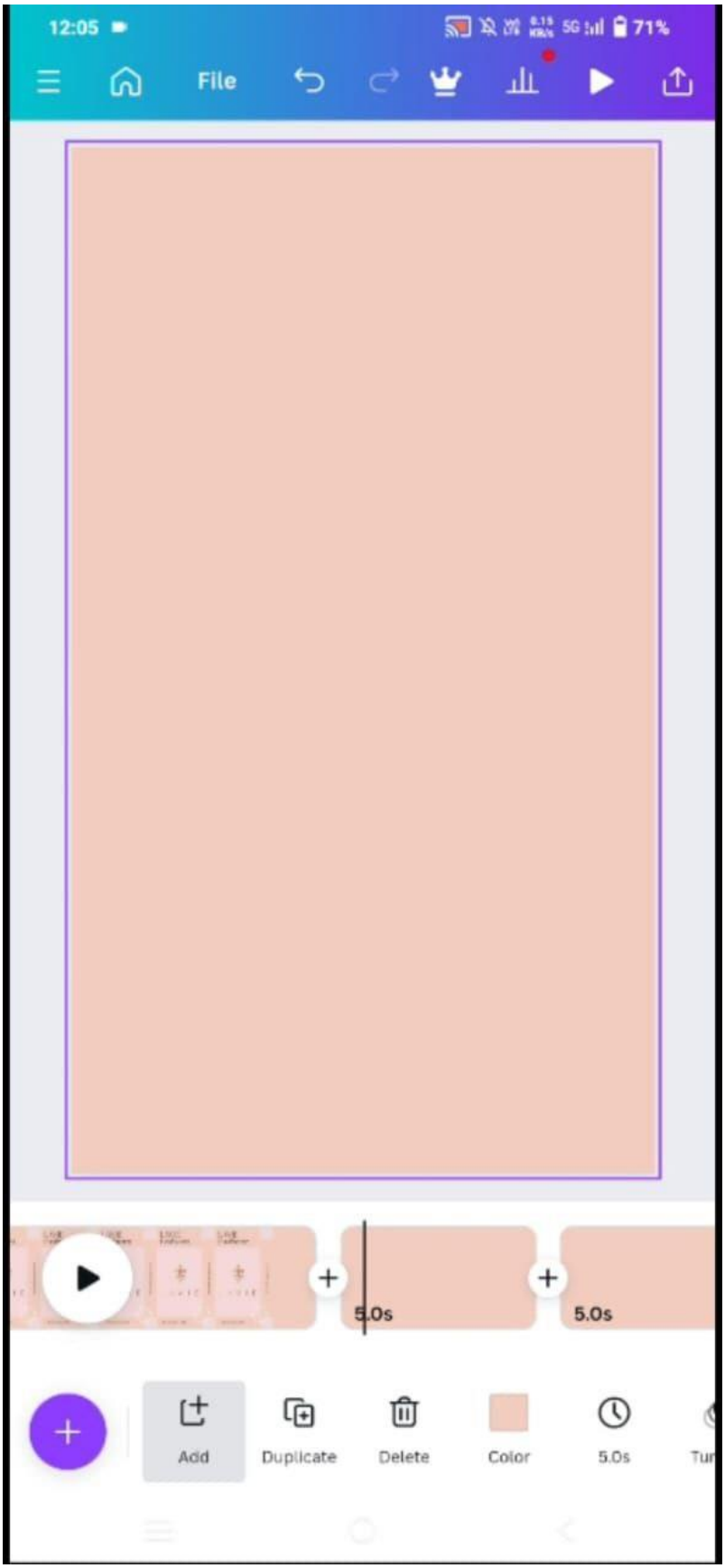
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