**Text to image generation - Creating a Raphael (renaissance) cartoon using biblical text**

The project is a latent diffusion model which has been trained with 7 paintings of Raphael. The images are all stories from the Christian bible, which have all have been captioned with the biblical text that they originated from. The aim of this project is to try recreate the images using machine learning.

The application was built using the stable diffusion model

The project can be installed and view by cloning the git repo that is included as an attachment. There were a number of issues when attempting to export a number files to git due to the instability of Jupyter in Git which at one point erased the session that I had been working on. I had to eventually resort to manually moving the files to a git directory. This sadly has resulted in my session and model files not being included in the git repository.

I have attached screenshots of the working application here.

A painting of a group of men

Description automatically generated

A painting of a group of men

Description automatically generated

A screenshot of a computer

Description automatically generated