CENG 796 - Peer-review form

Reviewed project ID: Group 06

Reviewed project's title (title of the paper): KD-DLGAN: Data Limited Image Generation via Knowledge Distillation

Reviewer name(s): Alper Bahçekapılı, Furkan Küçük

Instructions:

- Answer = *Yes*, *No* or *Partial*.
- You may expand sections as necessary.
- For most questions, you do not need to add comments, unless the instructions tell you otherwise.
- "Notebook" refers to "Jupyter Notebook" file that is expected to be named as main.ipynb

Question	Answer	Comments
Contains a jupyter notebook file	Yes	
Notebook is located at <project_root>/main.ipynb	Yes	
Notebook's first section contains paper information (paper title, paper authors, and project group members' name & contact information) Some good examples: see group03, group10, group11 (and a couple of other groups).	Yes	
Notebook contains a section for hyper-parameters of the model.	Yes	
Notebook contains a section for training & saving the model.	Yes	
Notebook contains a section (or a few sections) for loading a pre-trained model & computing qualitative samples/outputs.	Yes	
Notebook contains reproduced plots and/or tables, as declared.	Yes	
Notebook contains pre-computed outputs.	Yes	

Data is included and/or a proper download script is provided.	Yes	
Notebook contains a section describing the difficulties encountered.	Yes	Developers mention that paper did not provide which architecutre used in experiments however in table 1 paper states that “All the compared methods employ StyleGAN-v2” In goals they state that they want to reproduce table 4, but the score they specify is the same value&method in table 1.
The paper has achieved its goals and/or explained what is missing.	Yes	# of epochs are not enough
The notebook contains a section that reproduces the figure(s) and table(s) declared in the goals.	Yes	
The notebook also reports the original values of the targeted quantitative results, for comparison.	Yes	
MIT License is included.	Yes	
As the reviewer(s), you have read the paper & understood it.	Yes	
Implementation of the model seems correct.	Yes	Implementation mostly looks like pre-existing codes are utilized. Details are given in additional comments. Because existing repo is used as model implementation we could not identify any incorrect code that could be developed by the developers.
Notebook looks professional (in terms of notation, readability, etc.)	Yes	Notebook makes use of codes that are not given in the repository. We can see computed results in the notebook however we cannot inspect the code that is used to generate them.
Source code looks professional (in terms of coding style, comments, etc.)	Yes	

Additional comments:

Except for the download_dataset.py file and CLIP.py(this is also readily available library) all the codes start with NVIDIA Corporation etc. This looks suspicious especially regarding the amount of effort put into the project. Start.sh file also downloads the original repository of the paper and make use of existing repository.