

Project Milestone 3

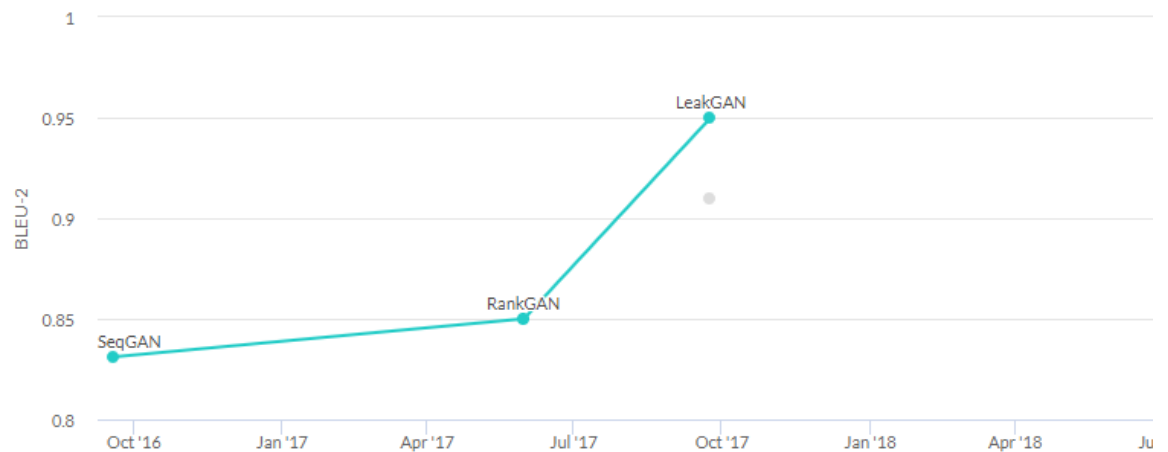
Due before and within week 11 (to be delivered/presented in week 11)

- Project milestone 3 will extend what is completed in milestones 1 and 2
- As a team you selected your dataset for milestones 1 and 2. You have to keep the same dataset for milestone 3
- Our milestones 1 and 2 were based on
 - The model described in : (<https://github.com/msc-acse/acse-9-independent-research-project-hk-97>). The model is built based standard or vanilla GAN model.
 - Texus benchmark described in: <https://github.com/geek-ai/Texus>
- In Milestone 2, we extended one of them by adding 3 new GANs not listed in either one of those two projects
- Milestone two will extend the metrics section to add metrics not included in either one of those two projects.
- We can divide GAN metrics in three parts. Your effort should include at least one metric in each part
 - GAN text generator metrics
 - GAN text discriminator metrics
 - GAN efficiency time metrics
- Those newly added metrics should be evaluated on all GANs, the original ones as well as those you implemented in Milestone 2
- You will not need to write your own code for those metrics as you can find many open source implementations for those.
- Whether your dataset is included, or not, make sure to observe benchmark metrics described in the link below and compare your results/metrics with them
<https://paperswithcode.com/sota/text-generation-on-coco-captions>

Text Generation on COCO Captions

Leaderboard

Dataset



- Make sure to conduct an analysis and comparison results between all those GAN models and metrics.
- The submitted report should include both modified code as well as the document report describing your effort, GAN models and their implementations and the comparison studies.