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| Task Number | Description | Status | Started By | Results/Conclussion |
| Task 1.1 | VAE on mnist | End - | N | :) |
| Task 1.2 | CVAE on mnist | End | N | :) |
| Task 2.1 | GAN using pix2pix for retinopathy image generation, using pre generated vessel maps | End | N | Good |
| Task 2.2 | Grade detector 256x256 | Paused | N |  |
| Task 2.3 | Grade detector 64x64 | Running - N | N |  |
| Task 3.1 | VAE for vessel generation | End | N | Mediocre results |
| Task 3.2 | ADVAE (code from paper) | End | S | Not working for some strange reason |
| Task 3.3 | ADVAE with lsgan, latent\_space 64 | End | N | Mediocre results |
| Task 3.3.1 | ADVAE with lsgan, sigmoid generator, 32 latent space | End | N | Bad |
| Task 3.3.2 | ADVAE with lsgan, sigmoid generator, 128 latent space | Running - N | N |  |
| Task 3.3.3 | ADVAE with lsgan, sigmoid generator, 256 latent space | Running - N | N |  |
| Task 3.3.4 | ADVAE with lsgan, sigmoid generator, 16 latent space | End | N | Bad |
| Task 3.3.5 | ADVAE, 256 latent space, additional discriminator GAN loss. | Running - N | N |  |
| Task 3.3.6 | ADVAE, 512 latent space, additional discriminator GAN loss. | Running - N | N |  |
| Task 3.3.7 | ADVAE, 256 latent space, additional discriminator GAN loss. vanillaGAN | Running - N | N |  |
| Task 3.3.8 | ADVAE, 512 latent space, additional discriminator GAN loss.vanillaGAN | Running - N | N |  |
| Task 3.4 | ADVAE with vanilla gan, ls=32 | End | S | Mediocre results |
| Task 3.4.1 | Vanilla gan advae with grades 0,1,2, ls = 32 | End | S | Was going okay but training resumed badly |
| Task 3.4.2 | Vanilla gan latent space 16 (0,1,2) | End | S | Was going okay but training resumed badly |
| Task 3.5 | IterNet for vessel generation | End | N | Bad |
| Task 3.6 | IterNet for vessel generation, iter = 0 | End | N | Bad |
| Task 4.1 | End to end with latent space =32, lsgan loss in discriminator | End | S | Pretty bad, images coming all black |
| Task 4.2 | End to end with latent = 32, vanilla in both discri, dis not switched off. | Running-S | S |  |