

Overall Loss:
$$\mathcal{L}^{(i)} = \mathcal{L}_{CE}^{(i)} + \omega_{adv} * \mathcal{L}_{adv}^{(i)} + \omega_{ent} * \mathcal{L}_{ent}^{(i)} + \omega_{gp} * \mathcal{L}_{gp}^{(i)}$$