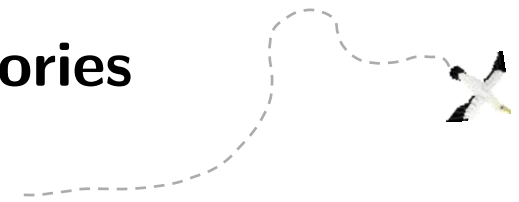


Topic 6 : GAN & trajectories

Case study : seabird trajectories

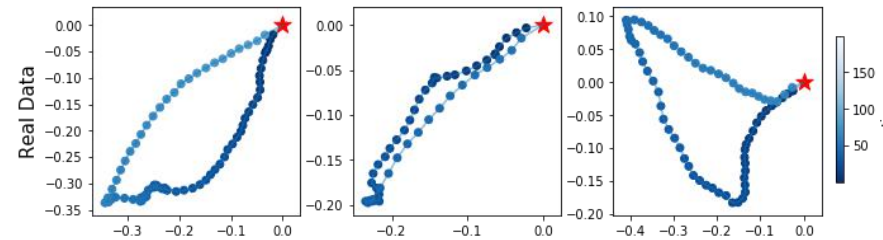


→ Dataset example :

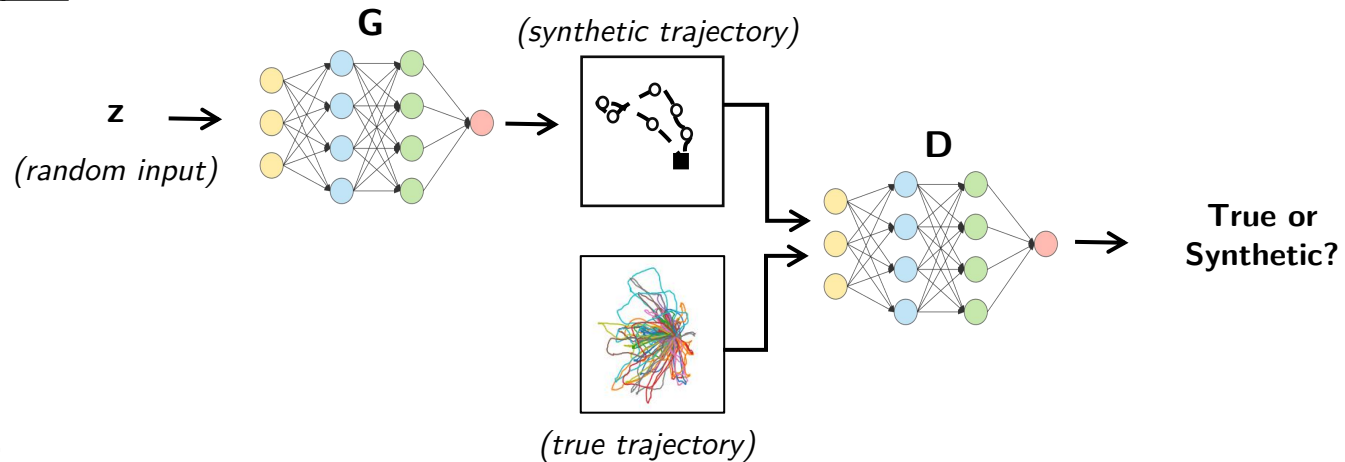
158 foraging trips of 3 seabird species

Species	Country	Nb of trips
<i>Sula sula</i>	Brazil	30
<i>Sula dactylatra</i>	Brazil	50
<i>Sula variegata</i>	Peru	78

Trajectory samples



→ GAN example:



→ References:



<https://github.com/AmedeeRoy/BirdGAN>



<https://www.biorxiv.org/content/10.1101/2021.09.27.461940v1.full.pdf>