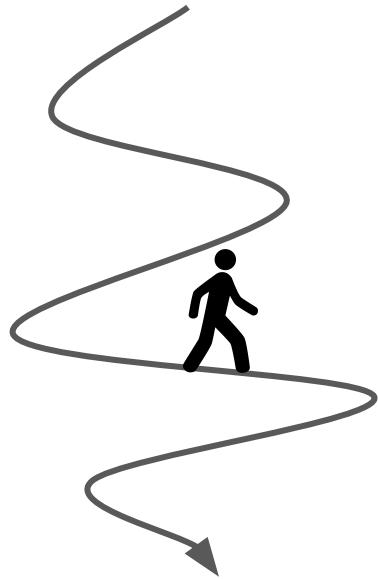


MoMA Lisa

Nora Hallqvist, Anna Midgley, Sebastian Weißhaar



KIWI



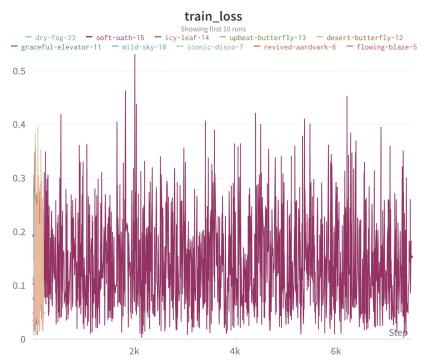
BATTLESHIP



Our project journey so far...



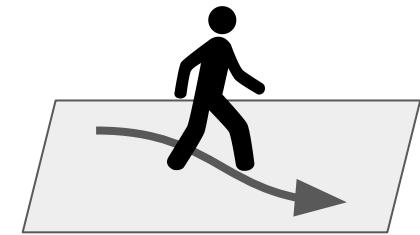
Inspired by Refik Anadol's
Unsupervised



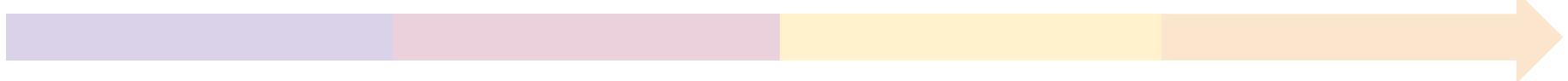
Tried using image & generated caption pairs, to fine-tune the model on MoMA artworks



Tried to learn a specific
“unknown” artist’s style token

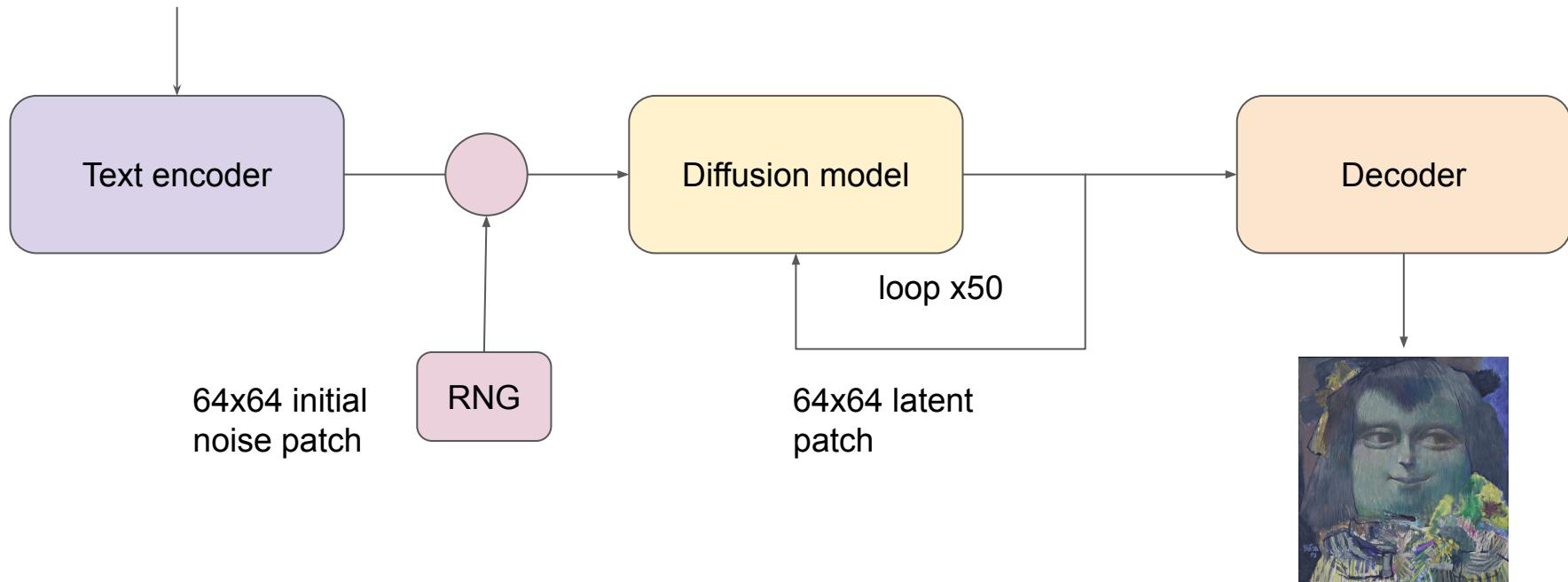


Generate latent space walks



Generative model architecture: 3 models

“A MoMA artwork of
the Mona Lisa”



Generative image models learn the latent manifold

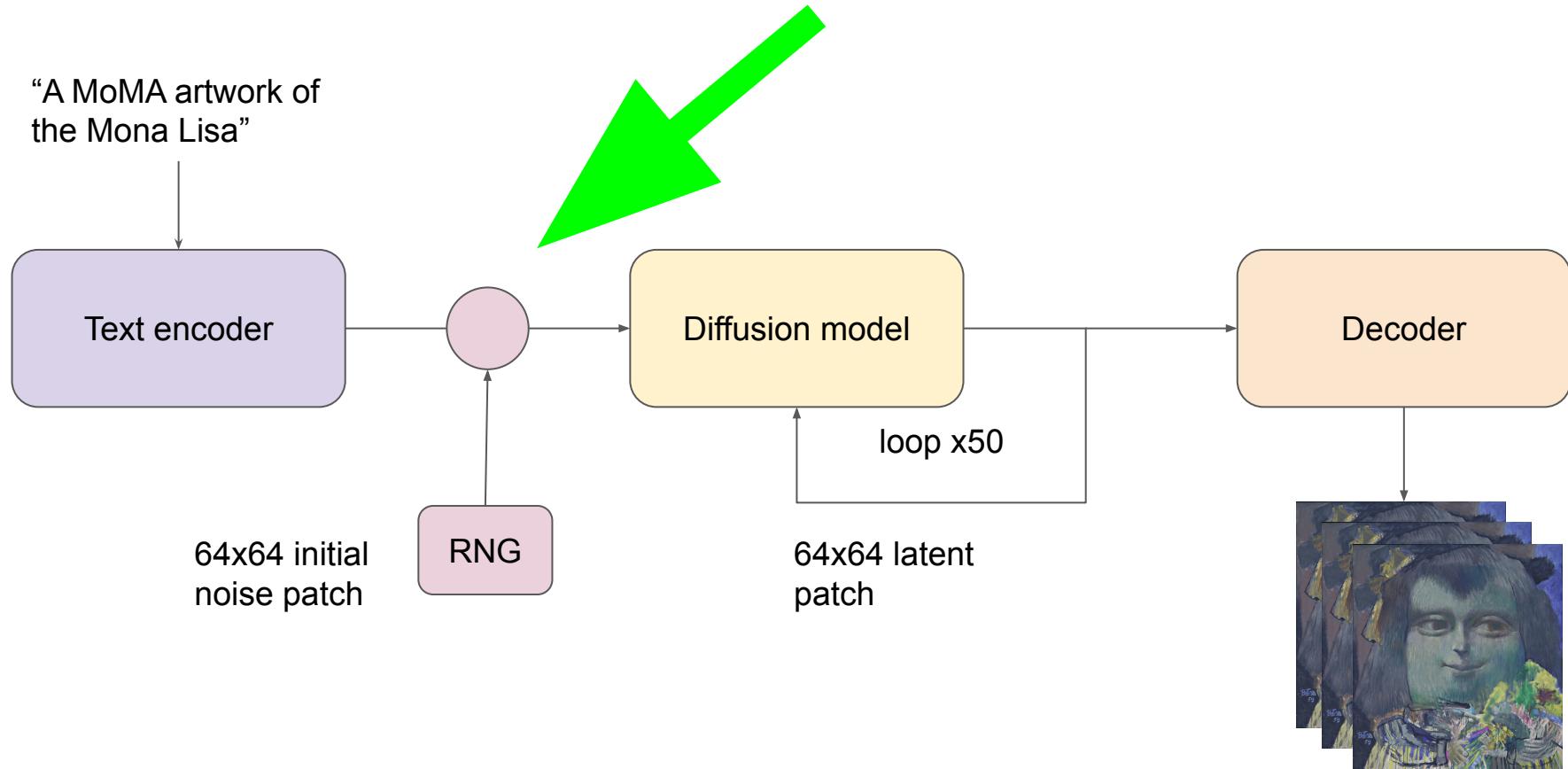


The latent manifold is **continuous**, so you are able to move **slightly** and the corresponding **image changes** a little

Resultantly, its **possible** to **move** between any two points following a **path** intermediate points, that are too on the manifold

Hijacking for latent space walking

“A MoMA artwork of
the Mona Lisa”

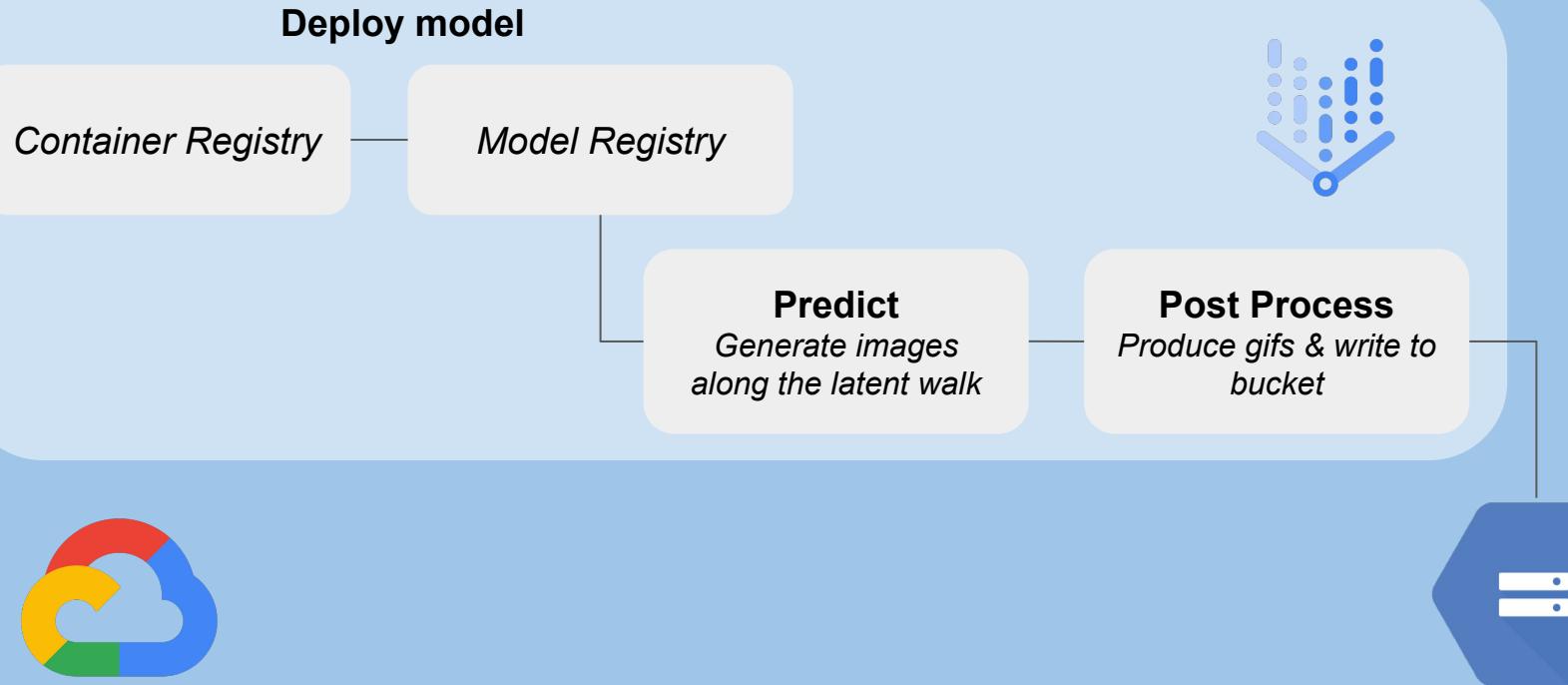


**Walk in the
WRONG
latent space**





ML Pipeline: severless model deployment



Next steps to building & deploying our ML app:

- Investigate the benefits of a non-linear walk
- Hide latency by utilizing both latent spaces
- Design a user-friendly frontend

