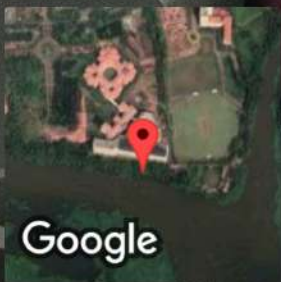


STABLE DIFFUSION – COMPARISON AND ADVANTAGES

- Diffusion models like Imagen (from Google) and DALL-E (from Open AI) work in pixel space. They use some tricks to make the model faster.
- Stable Diffusion was developed to solve the speed problem: it is a latent diffusion model.
- Instead of operating in high-dimensional image space, it first compresses the image into latent space.
- The latent space is 48 times smaller, so it is much faster.
- Compared to DALL-E 2 and Imagen, the Stable Diffusion model only has 890 million parameters. While DALL-E 2 has around 3.5 billion parameters and Imagen has 1.2 billion parameters.

 **GPS Map Camera**

Kochi, Kerala, India
Unnamed Road, Kakkanad, Kochi, Kerala 682030, India
Lat 9.992102°
Long 76.358966°
17/08/24 10:41 AM GMT +05:30





GPS Map Camera

Puthencruz, KL, India
Kunnathunad, Puthencruz, 682303, KL, India
Lat 9.991848, Long 76.374178
08/17/2024 12:10 GMT+05:30
Note : Captured by GPS Map Camera