

# Diffusers

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- Diffusion
  - Random Image
  - Applies a Series of Gradual Transformation
  - Increase the Size

A large orange shape on the left side of the slide, consisting of a rectangle with a quarter-circle cutout on its right side.

Stable  
Diffusion

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Latent Diffusion model  
created by CompVis,  
StabilityAI, and LAION

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<https://stability.ai/>

A large orange shape on the left side of the slide, consisting of a rectangle with a quarter-circle cutout on its right side.

# Pipeline

- Diffusion library create by Huggin Face
  - Components used to create an image:
    - Model
    - Scheduler
    - Transformer
    - Image Processor
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- Four short, thick yellow curved lines in the bottom right corner, arranged in a diagonal sequence from bottom-left to top-right.

# Scheduler

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- Controls the diffusion process,



# Transformer

- Converts the model's output

A large orange rounded rectangle on the left side of the slide.

# Processor

- Generates the image, audio, or video.





- Stores the state of a model

