

Install Required Libraries

```
!pip install min-dalle -q
  Preparing metadata (setup.py) ... 431.4/431.4 kB 12.0 MB/s eta
0:00:00
  21.3/21.3 MB 38.8 MB/s eta
0:00:00
in-dalle (setup.py) ...

from min_dalle import MinDalle
model = MinDalle(is_mega=True, is_reusable=True)

using device cuda
downloading tokenizer params
initializing TextTokenizer
downloading encoder params
initializing DalleBartEncoder
downloading decoder params
initializing DalleBartDecoder
downloading detokenizer params
initializing VQGanDetokenizer

%%time

text = "A car"
seed = 6
grid_size = 2

display(model.generate_image(text, seed, grid_size))
```



```
CPU times: user 30.1 s, sys: 108 ms, total: 30.2 s
Wall time: 31.8 s
```

```
%%time
```

```
text = "A tiger wearing sunglass"
```

```
seed = 6
```

```
grid_size = 2
```

```
display(model.generate_image(text, seed, grid_size))
```



```
CPU times: user 30.1 s, sys: 181 ms, total: 30.3 s  
Wall time: 30.7 s
```

```
%%time
```

```
text = "A cat wearing a hat"
```

```
seed = 6
```

```
grid_size = 2
```

```
display(model.generate_image(text, seed, grid_size))
```




CPU times: user 28.8 s, sys: 166 ms, total: 29 s
Wall time: 30.7 s

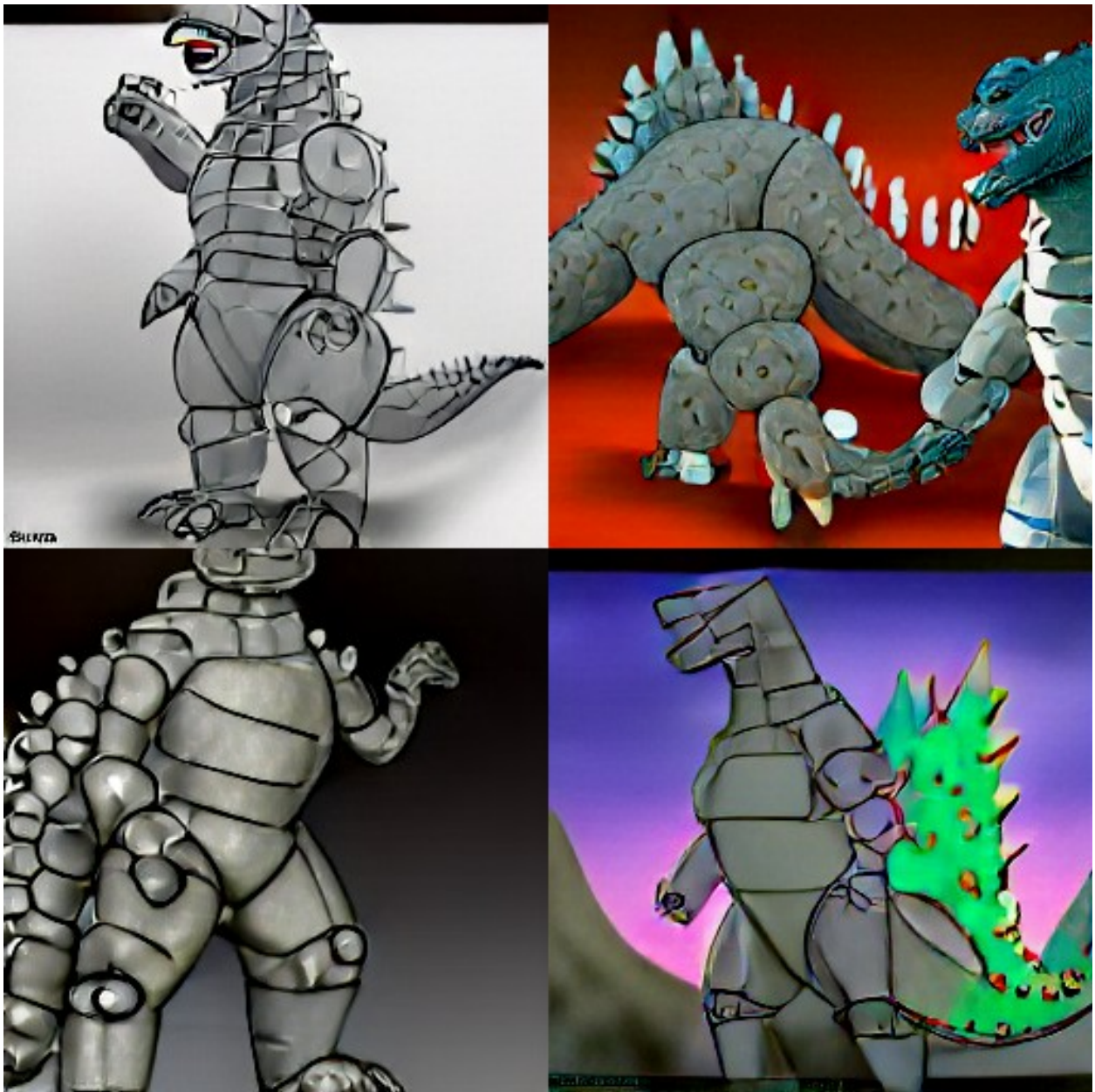
```
%%time
```

```
text = "A godzilla biting mecha godzilla"
```

```
seed = 6
```

```
grid_size = 2
```

```
display(model.generate_image(text, seed, grid_size))
```



CPU times: user 29.9 s, sys: 173 ms, total: 30.1 s
Wall time: 30.1 s

%%time

text = "A boy eating chocolate"

seed = 6

grid_size = 2

display(model.generate_image(text, seed, grid_size))



```
CPU times: user 30.2 s, sys: 130 ms, total: 30.3 s  
Wall time: 30.4 s
```

```
%%time
```

```
text = "A mobile phone"
```

```
seed = 6
```

```
grid_size = 2
```

```
display(model.generate_image(text, seed, grid_size))
```



CPU times: user 30.3 s, sys: 165 ms, total: 30.5 s
Wall time: 30.6 s