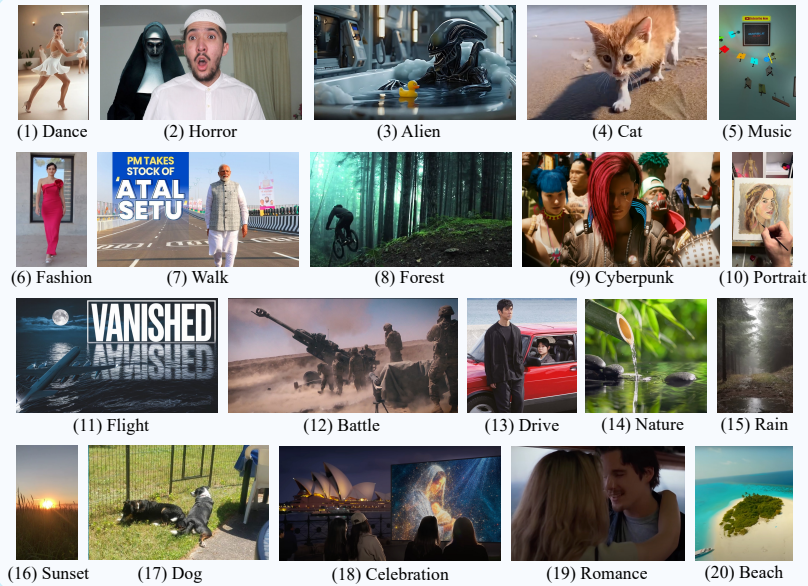


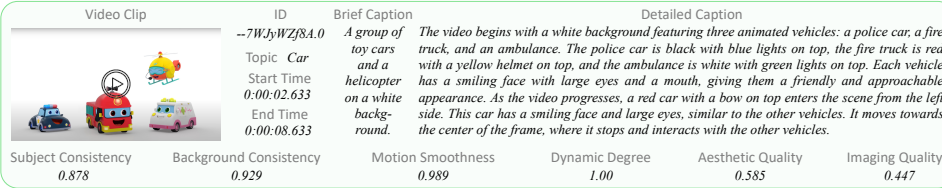
VideoUFO: A Million-Scale User-Focused Dataset for Text-to-Video Generation

Introduction

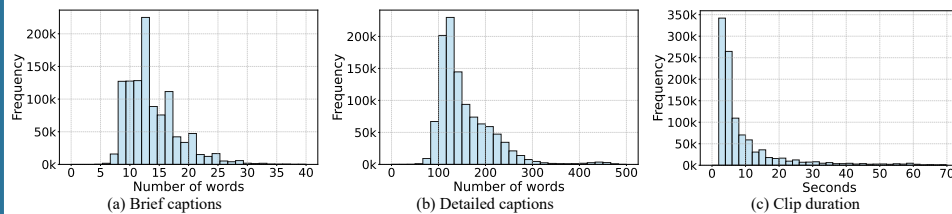


- We present VideoUFO, the first video dataset curated based on the focus of real text-to-video users. This dataset comprises over 1.09 million clips spanning 1,291 user-focused topics.
- We compare VideoUFO with recent video datasets, highlighting their differences in both fundamental attributes and topics coverage, thereby emphasizing the necessity of our dataset. We also follow best practices in their curation processes to ensure the quality of our dataset.
- We evaluate current text-to-video models on user-focused topics and observe that a simple model trained on our VideoUFO outperforms competing models on worst-performing topics.

A Datapoint in VideoUFO



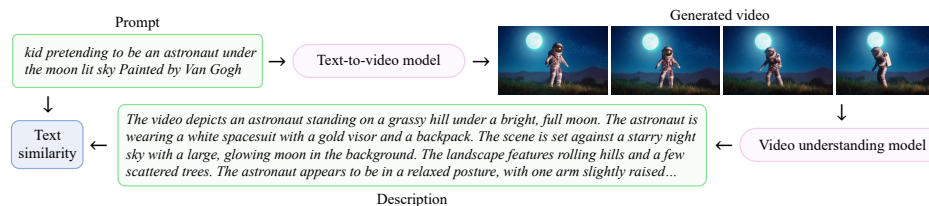
Statistics



Comparison with other datasets

Dataset	#Vid.	Len.	Words	Resolution	Domain	#Topic	License
WebVid-10M [18]	10M	18.0s	14.2	<360p	Open	1,000	Retracted
HD-VILA-100M [11]	103M	13.4s	32.5	720p	Open	648	R-UDA
InternVid [16]	234M	11.7s	17.6	720p	Open	1,051	Apache 2.0
Panda-70M [16]	70M	8.5s	13.2	720p	Open	719	R-UDA
LVD-2M [14]	2M	20.2s	88.7	Diverse	Open	814	R-UDA
MiraData [15]	0.33M	72.1s	318.0	720p	Open	639	GPL 3.0
Koala-36M [13]	36M	17.2s	202.1	720p	Open	724	R-UDA
VidGen-1M [17]	1M	10.6s	89.3	720p	Open	835	R-UDA
OpenVid-1M [10]	1M	7.2s	127.3	Diverse	Open	671	R-UDA
VideoUFO	1M	12.6s	155.5	720p	Users	1,291	CC BY

BenchUFO



Comparison

