

# Exploring Non-Fungible Tokens via Twitter



# Background

Non-fungible token = certification for unique digital item

\$904,413.47, March 2021, Market



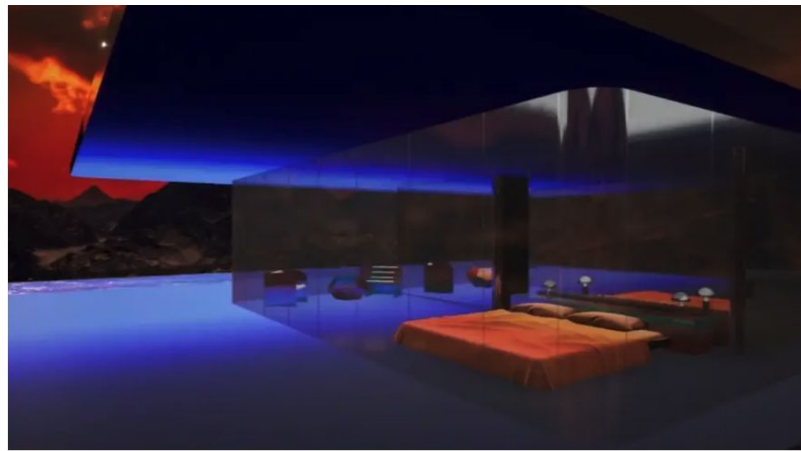
Pak, *Metarift*. Courtesy of the artist.

\$3.2 million, Nifty Gateway, February 2021



Trevor Jones, *Bitcoin Angel* (2021). Courtesy of the artist.

**A digital house sold for over \$500,000 to a Toronto buyer.**



**"Mars House" on SuperRare** SuperRare

# Methodology

Scrape Twitter: Twint

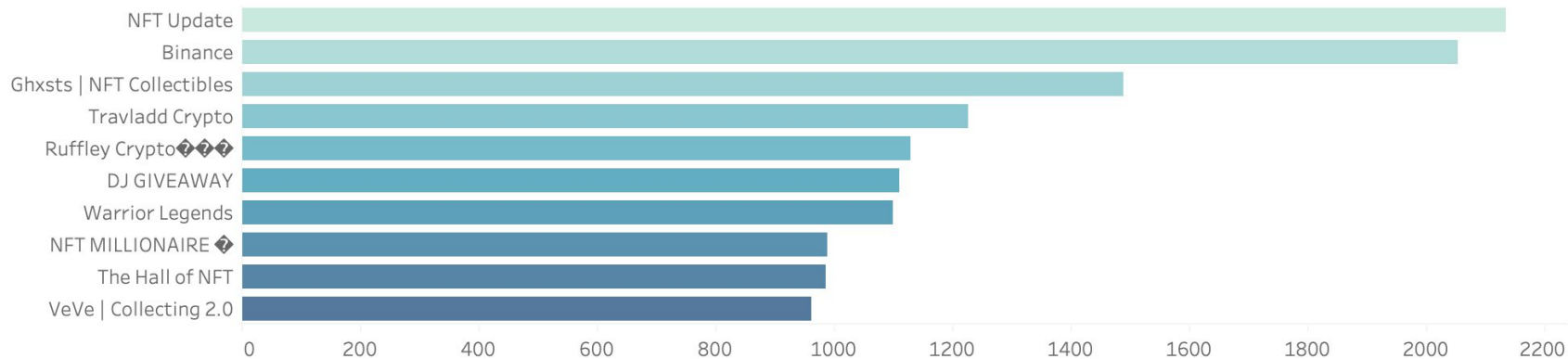
EDA/NLP

ML

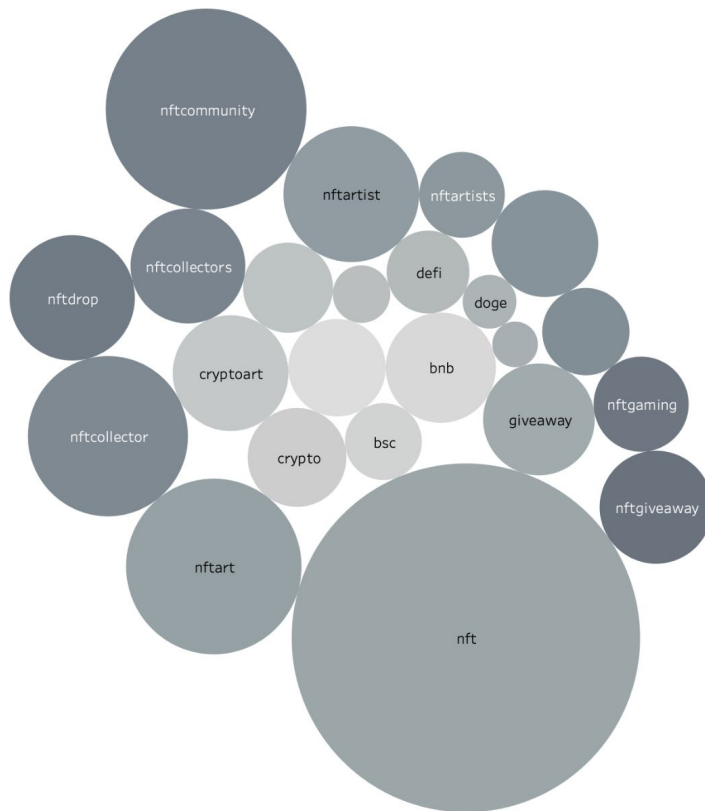
Streamlit



## Twitter users with the most-liked NFT tweets

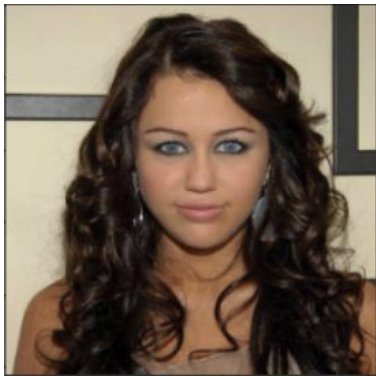


Hashtags that get the most retweets



Hashtags	
<input type="checkbox"/>	binancesmartchain
<input type="checkbox"/>	bnb
<input type="checkbox"/>	bsc
<input type="checkbox"/>	crypto
<input type="checkbox"/>	cryptoart
<input type="checkbox"/>	cryptodogs
<input type="checkbox"/>	cryptonews
<input type="checkbox"/>	defi
<input type="checkbox"/>	doge
<input type="checkbox"/>	dogearmy
<input type="checkbox"/>	giveaway
<input type="checkbox"/>	nft
<input type="checkbox"/>	nftart
<input type="checkbox"/>	nftartist
<input type="checkbox"/>	nftartists
<input type="checkbox"/>	nftcollectibles
<input type="checkbox"/>	nftcollection
<input type="checkbox"/>	nftcollector
<input type="checkbox"/>	nftcollectors
<input type="checkbox"/>	nftcommunity
<input type="checkbox"/>	nftdrop
<input type="checkbox"/>	nftgaming
<input type="checkbox"/>	nftgiveaway

# ML: Autoencoder



# Image Similarity App

Euclidean distances:

Input NFT artwork → output similar works



# Conclusion

NFTs are fun!

A lot more to explore...