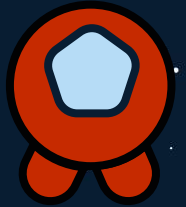


TEA WITH [LOSTPOETS]



An analysis of the NFT collectible by **pak**
(as exchanged on OpenSea)



01



AN NFT GAME

Why analyze & play with them?

PROJECT

NFT project
Based on Library of Babel
Drop on Nifty Gateway

Roadmap
Initial drop: Sept3
Now: Act III

Data
~3.5 months

THE COLLECTION

Lost Poets is an NFT collectible and a strategy game. The NFT collection includes 65536 obtainable NFTs and 1024 Origin NFTs. The project's release is broken down into several stages. For further information, see [the secret roadmap](#).

THE BAZAAR

The sale phase is 48 hours. Every page you acquire gives you the opportunity to claim a Poet NFT. In a way, each page is your ticket to a Poet.

Additionally, when the sale ends all remaining Pages will be distributed to Page holders proportionally. In a way, each page represents your part of the remaining token pool.

During the sale period, you will be able to collect pages for a set price of 0.32 \$ETH each. When you get multiple pages at once, you'll also get a percentage of extra pages. The sooner you collect, the more extra pages you'll get.

The pages you acquire will be locked to your wallet until the 48-hour sale window closes.

\$ASH holders will have one hour of early access to the sale. See [the scavaten](#) for more.

THE POETS

Aeons ago in [The Library of Babel](#), the dusty shelves of a room contained 65536 poets that were all waiting to be discovered ab aeterno. In this fractal labyrinth, these forgotten poets from 1024 different origins roam between their hidden 256 selves.









"Hello" says one, "What's your name?"
"I don't have one yet."

PROJECT

Also a game
1024 Origin NFTs (poets)
Only 402 of them revealed
Secret Roadmap (stages)
Total 65536 NFTs (poets)
Latent Genes
Pages turn to Poets in time

The Secret Roadmap

-  **PROLOGUE**
Project Introduction.
48 hour pre-sale countdown starts.
-  **ACT I: THE SALE**
48 hour sale starts.
\$ASH holders are rewarded.
-  **ACT II: THE REVEAL**
Poets NFTs are claimed using Page tokens.
Leaderboard Oriqin NFTs are distributed.
-  **ACT III: THE EXPLORER**
Collectors understand mechanisms.
Some poets are named.
-  **ACT IV: THE TWIST**
Remember, this is a Pak project.
Anything can happen.
-  **EPILOGUE**
Final form is reached (365 Days).
\$ASH is enabled for all Poets.

QUESTION

Analyze

Why is this game/ artwork interesting?

In what ways are people interested?

Play

Can I play too (in my own way)?



02

DATA & PIPELINE

Work with the Poets



DATA

[L O S T P O E T S]

[]

LOSTPOETS

Created by pak

27.6K

Items

8.4K

owners

0.338

floor price

26.8K

volume traded

AB AETERNO

Items

Activity

Search

27,561 results



LOSTPOETS
Page

Price
0.338
Last 35

4.0K



LOSTPOETS
Vina

Top Bid
40
5 days left

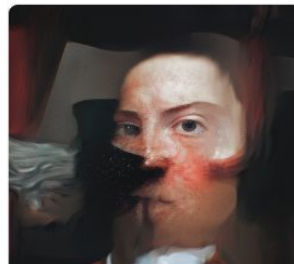
41



LOSTPOETS
Nirvana

Top Bid
63
2 days left

88



LOSTPOETS
Pakula

Top Bid
70
1.75

24



LOSTPOETS
Poet #12058

Top Bid
0.65
14 hours left

5

OpenSea Traded on
As of Dec 10
27.6K items (NFTs/Poets)
26.8K trades

Filter

Status

Buy Now

On Auction

New

Has Offers

Price

United States Dollar (USD)

Min

to

Max

Apply


Chains

DATA/API

eg.
Origin Poet 1
Named: I

API OpenSea Assets API
Key Obtained for project
Limit 10K data points
Features 28 including
token_id, num_sales etc.
In Dict 5 inc. asset,
payment_token
Cleaned & used
11 inc. image_url
Image URL
used to scrape 10K images

255



LOSTPOETS

Owned by pak 4.6K views 255 favorites

Highest offer
+ 3.481 (\$14,078.56)
Make offer

Price History
All Time
No item activity yet

Listings

Offers

Price	USD Price	Floor Difference	Expiration	From
+ 3.481 WETH	\$14,078.56	987.8% above	in 5 hours	F74FE1
+ 3.48 WETH	\$14,074.51	987.5% above	in 4 days	wagmil
+ 0.1 WETH	\$404.44	68.8% below	in 3 months	I3en
+ 0.002 WETH	\$8.09	99.4% below	—	351364
+ 0.002 WETH	\$8.09	99.4% below	—	351364

Item Activity

LOSTPOETS

Created by pak

27.6K
items

8.4K
owners

0.338
floor price

26.8K
volume traded

AB AETERNO

Items

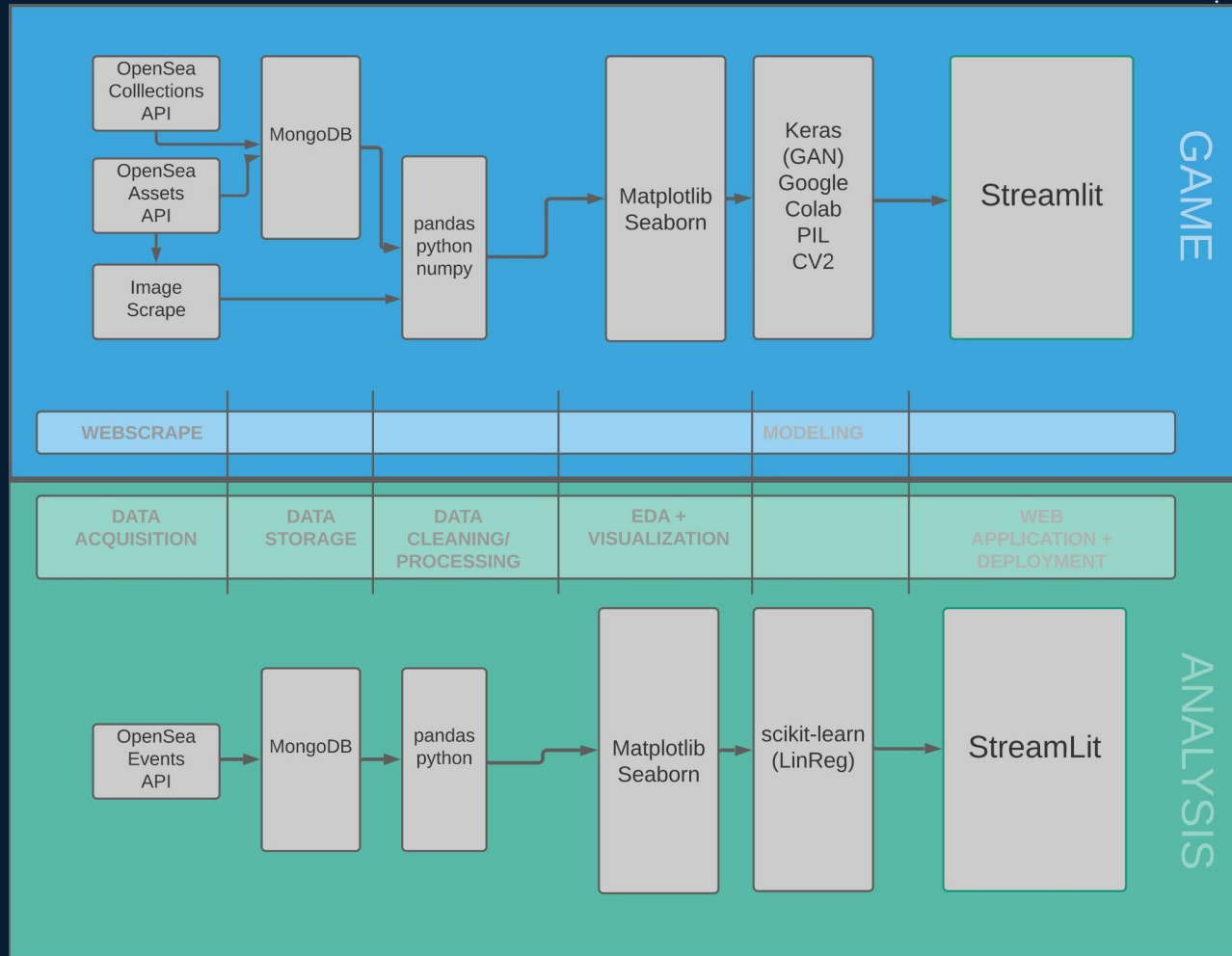
Activity

Sales Clear All

90 Day Avg. Price 1.0694
90 Day Volume 22,384,2374

DATA/API
eg. 12/16/2021
API OpenSea Events API
Key same key
Limit 10K in one use
Features 26 including
event, token_id, date etc.
In Dict
5 inc. asset, payment_token
Cleaned & used
15 inc. winner, seller,
num_sales

		Price	Quantity	From	To	Time
Sale	Poet #20534	0.985 \$3,997.90	1	Fortuno024	7D6D4D	16 minutes ago
	Poet #23902	0.97 \$3,937.02	1	1947A0	7D6D4D	20 minutes ago
Sale	Poet #26805	0.96 \$3,896.43	1	StreakVault	7D6D4D	21 minutes ago
Sale	Poet #12869	0.95 \$3,855.84	1	undercutBy...	7D6D4D	23 minutes ago
Sale	Poet #11218	0.95 \$3,855.84	1	g00dtimes	7D6D4D	24 minutes ago
Sale	Poet #12486	0.94 \$3,815.25	1	p8p101	7D6D4D	24 minutes ago



03

APPS & ANALYSIS



LOSTPOETS IN (THE) OPENSEA(S)

Streamlit

Sales & Assets Analysis



EDA

SALES - Transactions

Highest Prices Paid

SALES - Volume of Trade

Most frequently traded
Highest avg. trading \$\$

Sellers & Buyers

Highest total \$\$ gained
Highest total \$\$ spent



Seller to Buyer

Highest volume & amount
of interaction

SALES - Total

Weekly & Daily

ASSETS - Owners

Highest num of Poets
held

5 PM TEA

Streamlit

Game

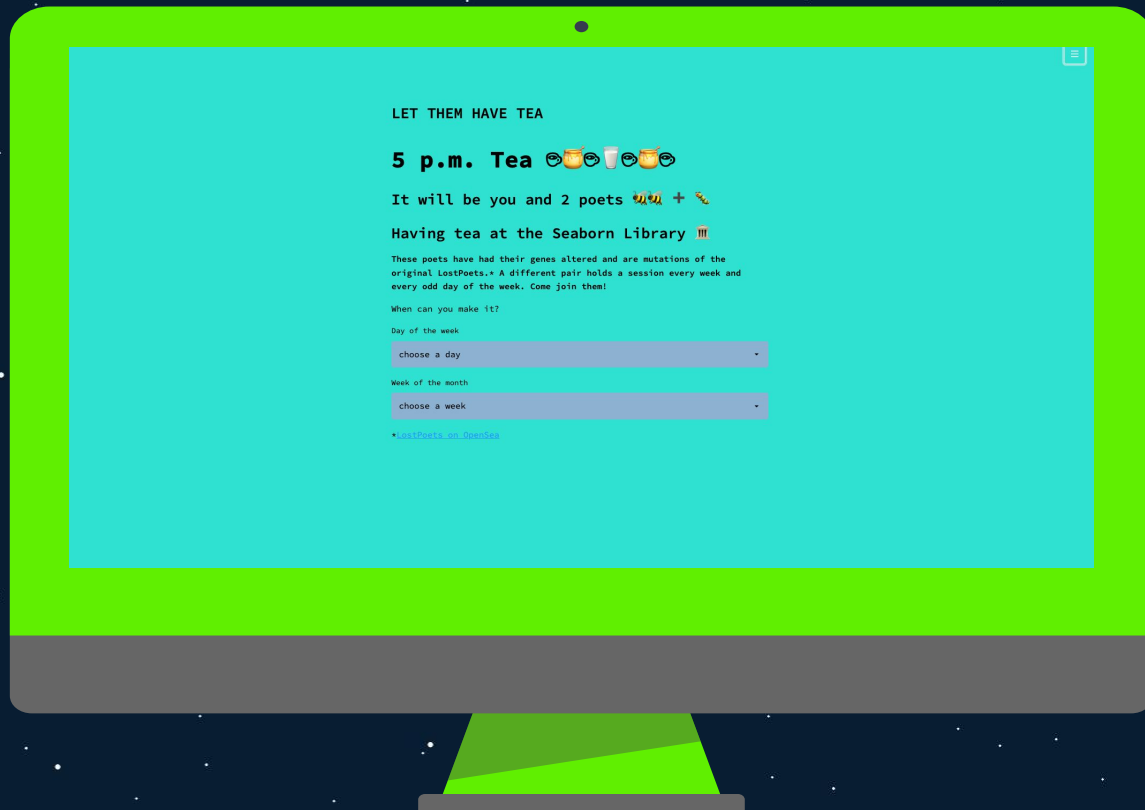
Choose

3 days MWF

Week of Month

Meet

2 poets generated for you



MODEL - NN / GAN



Generator



Discriminator

Uses Origin Poets.
· (402 NFTs)
· 20,000 epochs
· 25 characters

04

CONCLUSIONS



CONCLUSION

1 highly circulated collection



5 seller - buyer
connection > \$100K



3 buyers spent
> \$600K



Only 7 users
received > \$200K



Token 78 > \$150K,
3 tokens > \$100K



Mongo on fly



Streamlit on fire

FURTHER WORK

A

EDA/ Visualization

Real time data:
Automate

A

EDA/ Visualization

Use Mongo Atlas

G

Game: GAN

More epochs!!

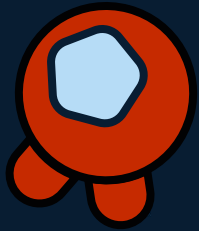
More characters!

G

Game: GAN

Gamification

eg. NLP - What do
these Poets talk
about?



QUESTIONS?

Presentation Template by **SlidesGo**,
including icons by **Flaticon**,
infographic & images by **Freepik**

& APPENDIX

The image displays a collection of 40 generated faces, each with a unique style and appearance. The faces are arranged in a grid of 4 rows and 10 columns. Each face is accompanied by its title, price, and a 'Best Offer' button. The faces are diverse in appearance, including various ages, genders, and styles, some with text overlays like 'Pencil #10361' or 'Pencil #10362'.

API

OpenSea

Guides

SDK

API Reference

Partners

Marketplace

Changelog

v1.0

API Reference

JUMP TO

API

OPENSEA API

Non-Fungible Token (NFT) API

Overview

Asset Model

Event Model

Account Model

Collection Model

Retrieving assets

Retrieving events

Retrieving collections

Retrieving bundles

Retrieving a single asset

Retrieving a single contract

Retrieving a single collection

Retrieving collection stats

OPENSEA LISTINGS

Getting Started with Listings

Terminology

Retrieving orders

Retrieving orders - Testnets

OPENSEA TESTNETS

API

Testnets API Overview

Retrieving assets - Testnets

Retrieving events - Testnets

Retrieving collections - Testnets

Retrieving bundles - Testnet

Retrieving a single asset - Testnets

Retrieving events

GET

https://api.opensea.io/api/v1/events

YOUR REQUEST HISTORY

0 Calls

7 Days

Your API calls will appear here. Make a request to get started!

The /events endpoint provides a list of events that occur on the assets that OpenSea tracks. The 'event_type' field indicates what type of event it is (transfer, successful auction, etc).

Please Note: this API endpoint requires an API key in order to use. Please fill out the API request form to obtain one Don't have an API Key? Hop on over to [our testnets, events endpoint page](#), where we've supplied a default API key for developers to use in this documentation reference

The endpoint will return the following fields:

asset_events

List of [Event Object](#)

QUERY PARAMS

asset_contract_address

string

The NFT contract address for the assets for which to show events

collection_slug

string

Limit responses to events from a collection. Case sensitive and must match the collection slug exactly. Will return all assets from all contracts in a collection. For more information on collections, see our [collections documentation](#).

token_id

int32

The token's id to optionally filter by

account_address

string

A user account's wallet address to filter for events on an account

event_type

string

The event type to filter. Can be created for new auctions, successful for sales, cancelled, bid_entered, bid_withdrawn, transfer, or approve

only_opensea

boolean

Restrict to events on OpenSea auctions. Can be true or false

LANGUAGE

Shell

Node

Ruby

PHP

Python

AUTHENTICATION

Header

X-API-KEY

CURL

REQUEST

```
1 curl --request GET \  
2 --url 'https://api.opensea.io/api/v1/events?only_o\  
3 --header 'Accept: application/json'
```

Try It!

RESPONSE

Examples

Click Try It! to start a request and see the response here!
Or choose an example:

200 - Result

400 - Result

Help

TRADES DATA

```
In [5]: sales_df.head(3)
```

```
Out[5]:
```

	_id	created_date	id	is_private	quantity	total_price	payment_token_symbol	payment_token_usd_price	ass
0	61b41aebd6ab32dbd9a84ea0	2021-12-11T03:27:23.942099	2427455930	False	1	3650000000000000000	ETH	3983.77	
1	61b41aebd6ab32dbd9a84ea1	2021-12-11T03:20:03.826890	2427391259	unknown	1	5000000000000000000	WETH	3972.70	
2	61b41aebd6ab32dbd9a84ea2	2021-12-11T02:47:15.343322	2427093401	False	1	10000000000000000000	ETH	3983.77	

```
In [6]: sales_df.iloc[0]
```

```
Out[6]:
```

```
_id                61b41aebd6ab32dbd9a84ea0
created_date       2021-12-11T03:27:23.942099
id                 2427455930
is_private         False
quantity           1
total_price        3650000000000000000
payment_token_symbol ETH
payment_token_usd_price 3983.77
asset_token_id     1
asset_num_sales    14807
asset_id           44596334
asset_image_url    https://lh3.googleusercontent.com/9GgkzN-7si-y...
transaction_from_account_username nikolas17
seller_username    0xBub
winner_account_username nikolas17
Name: 0, dtype: object
```


POETS DATA

```
In [2]: poets_df = pd.read_csv('poets_clean.csv')
poets_df.head(3)
```

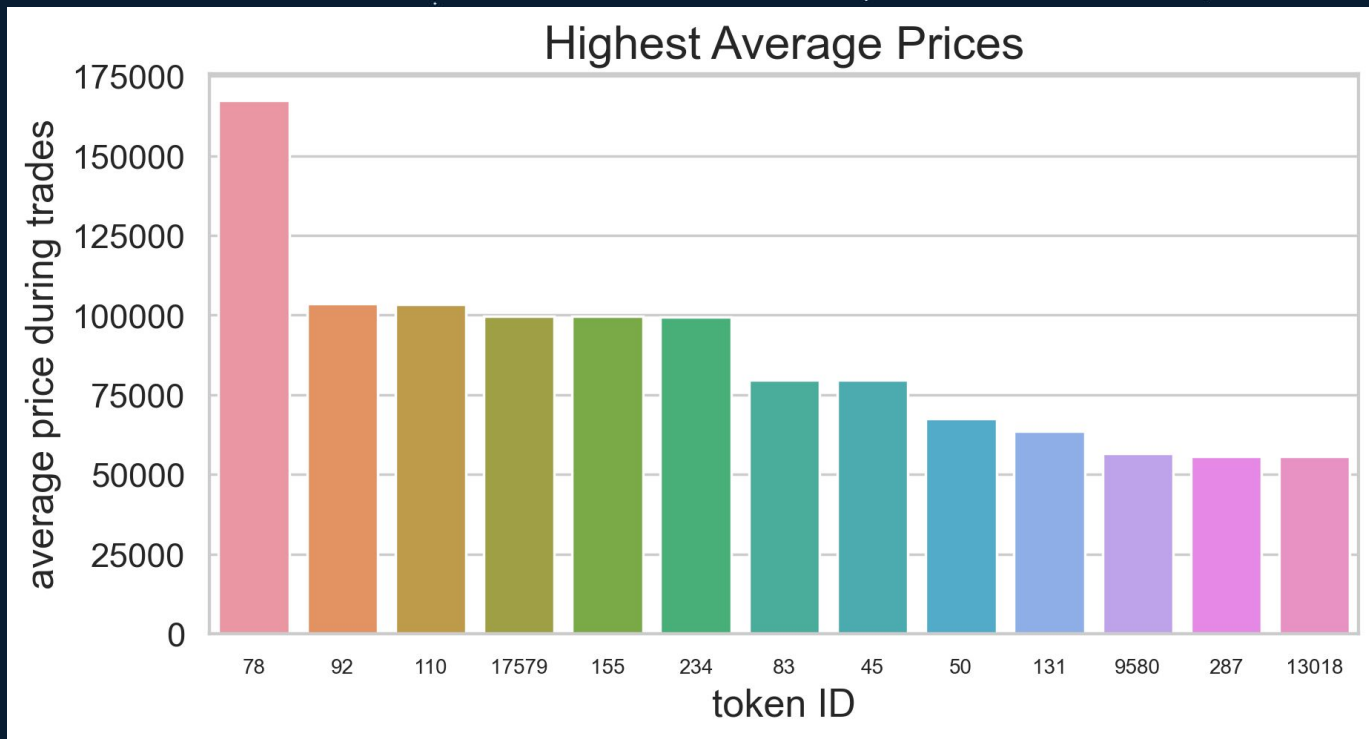
Out[2]:

	token_id	num_sales		image_url	image_original_url	name	description	
0	1	0	https://lh3.googleusercontent.com/ulT6Iu_77981...	https://d1xiei964ioe0z.cloudfront.net/full/a16...		I	No Description Yet	https://opensea.io/assets/
1	2	0	https://lh3.googleusercontent.com/gtvCMMER8xEL...	https://d1xiei964ioe0z.cloudfront.net/full/622...		Origin #7THK	No Description Yet	https://opensea.io/assets/
2	3	0	https://lh3.googleusercontent.com/xgxBi9sL8ZOT...	https://d1xiei964ioe0z.cloudfront.net/full/304...		Origin #6AF2	No Description Yet	https://opensea.io/assets/

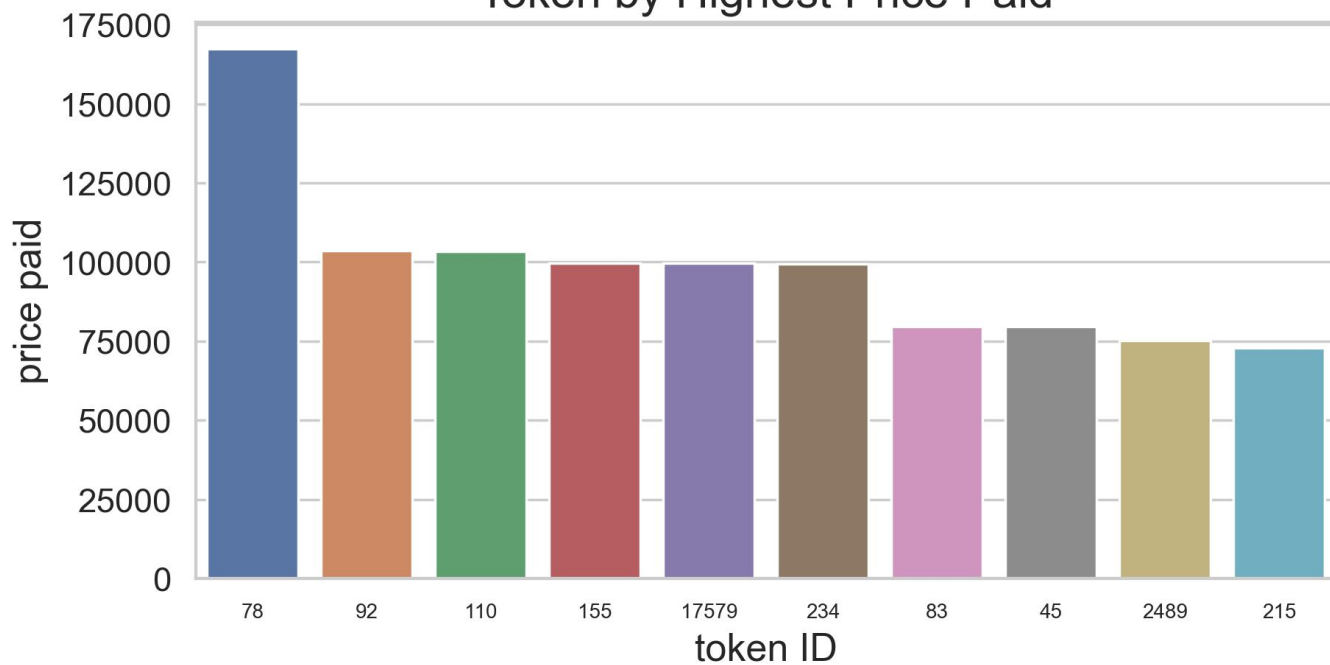
```
In [19]: poets_df.iloc[0]
```

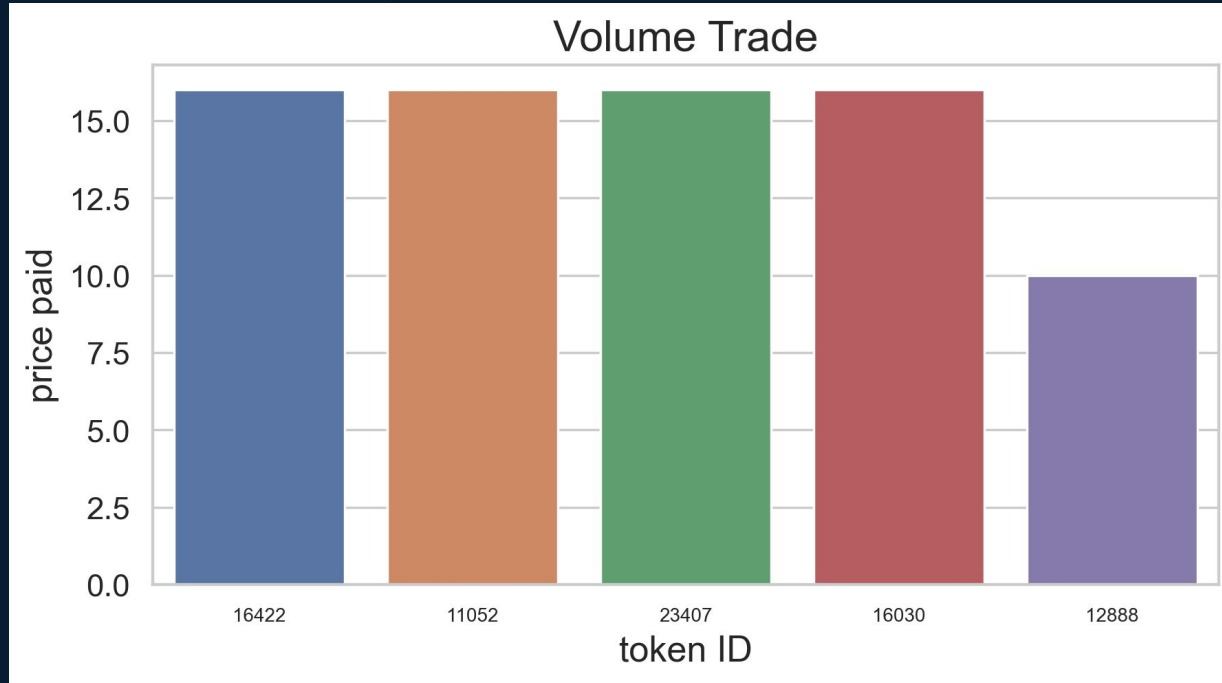
```
Out[19]: token_id                1
num_sales                0
image_url    https://lh3.googleusercontent.com/ulT6Iu_77981...
image_original_url  https://d1xiei964ioe0z.cloudfront.net/full/a16...
name                I
description                No Description Yet
permalink    https://opensea.io/assets/0x4b3406a41399c7fd2b...
creator                NaN
traits    [{'trait_type': 'Named', 'value': 'True', 'dis...
owner_username                pak
owner_address    0x2ce780d7c743a57791b835a9d6f998b15bbba5a4
Name: 0, dtype: object
```

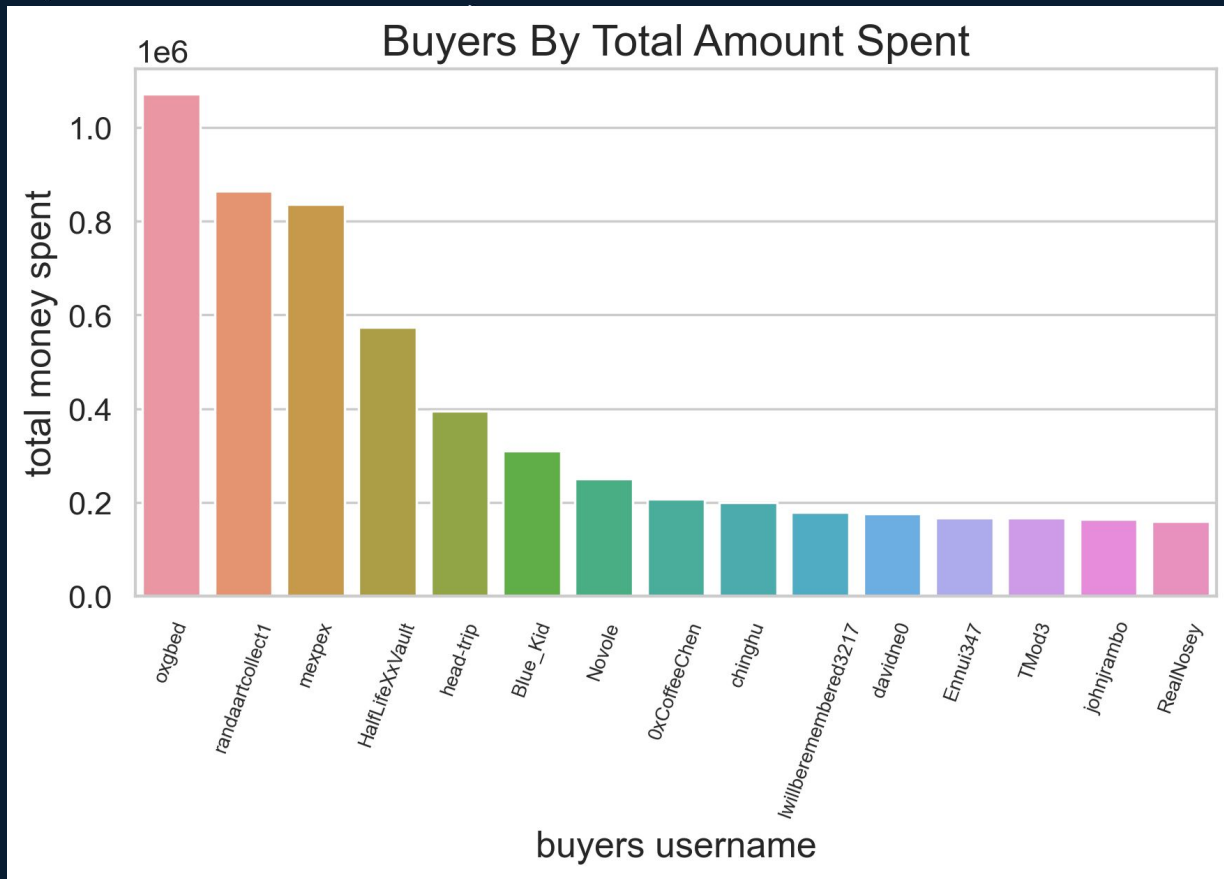
PLOTS

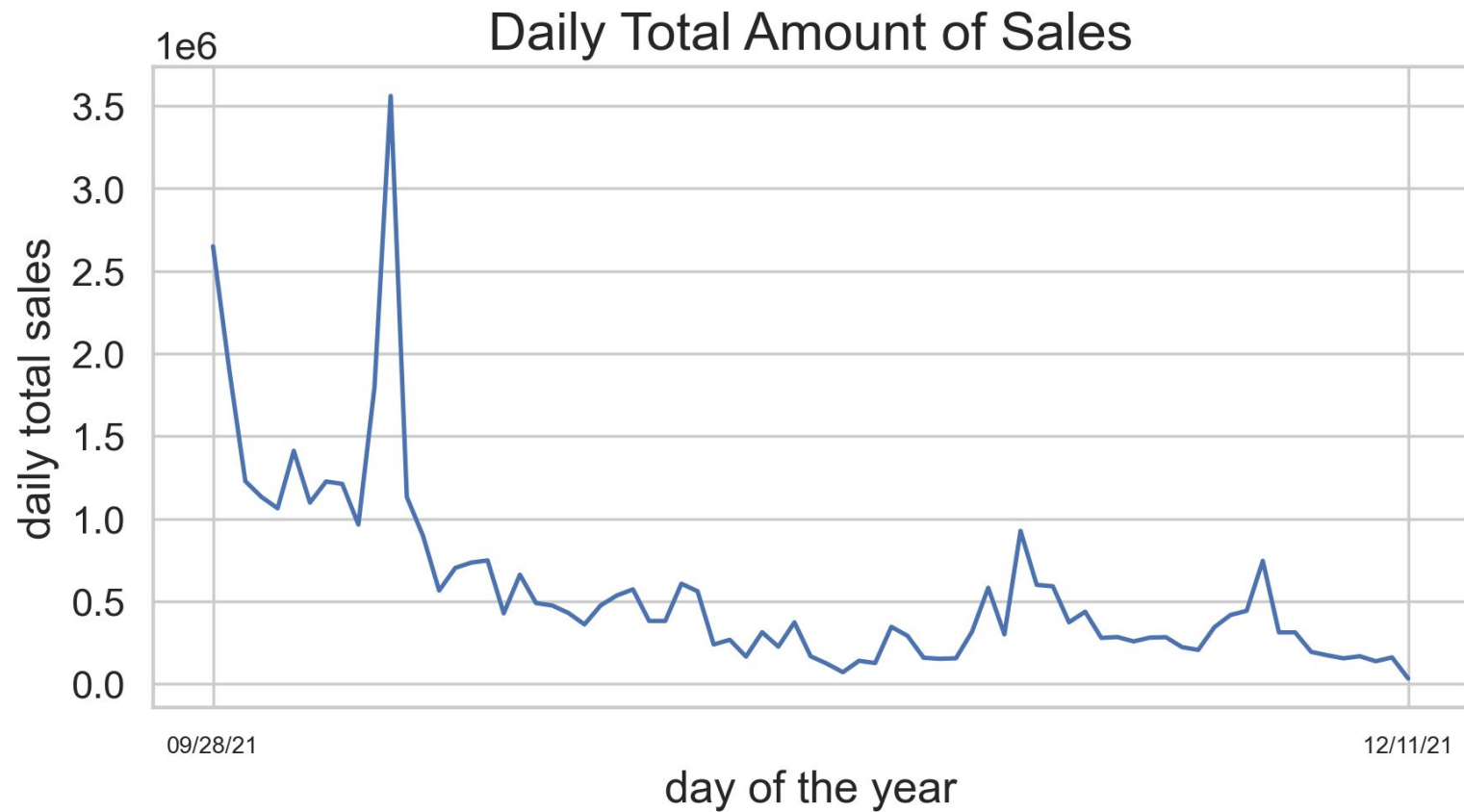


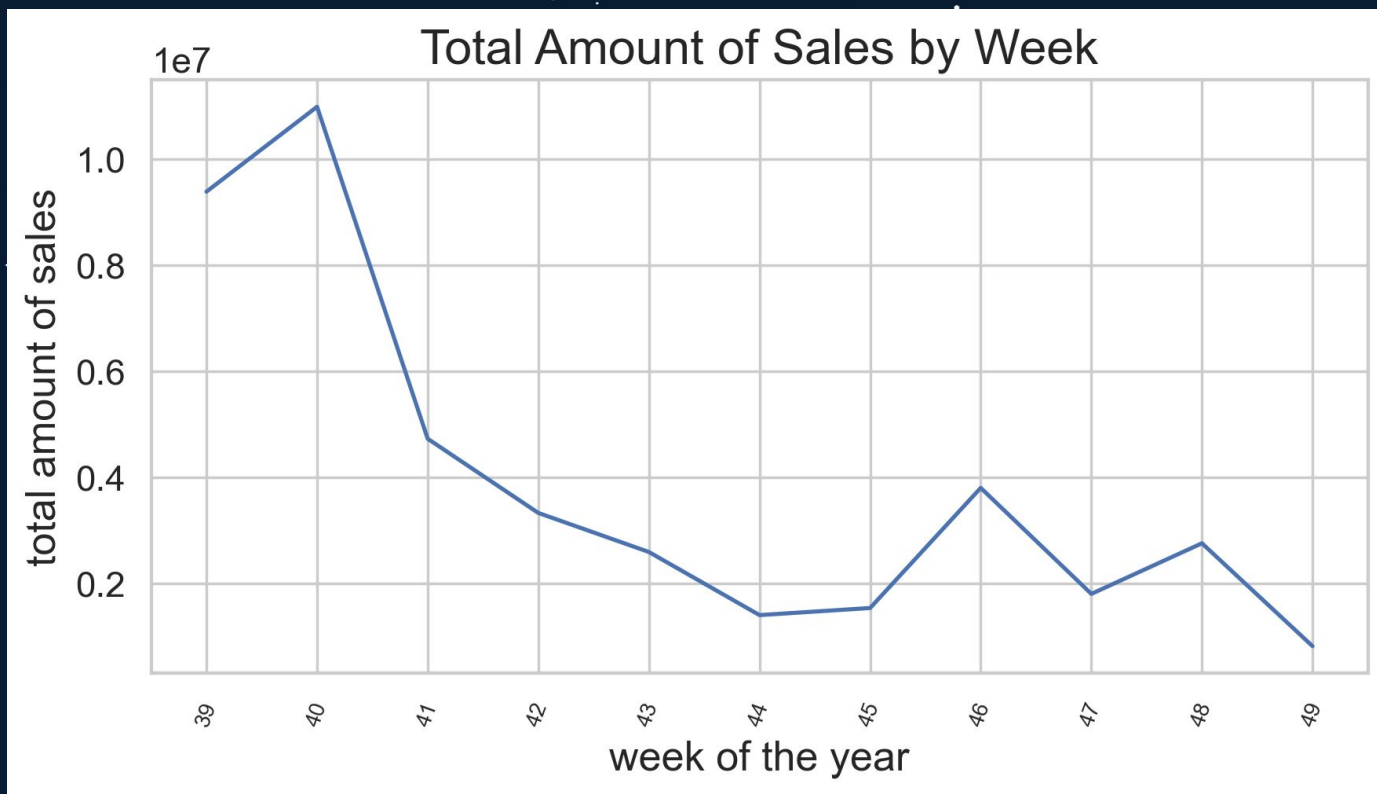
Token by Highest Price Paid











Sellers By Total Amount Received

