Overview

❏ According to a report from Citigroup in 2017 out of the music industry's $43 billion revenue , only $5 billion actually went to artists. That's just a little over 12% going to the people who are the foundation of this entire industry!

❏ Where does the rest of the money go?

A good chunk of the revenue is pocketed by the middlemen — those working in the distribution services like radio, online platforms, and record labels.

❏ So if you're an up and coming artist, how do you "make it big" without signing?

BeatBlocks

Blockchain Marketplace for Music Fanatics

By:
Edgar, Ally
Alejandra, Ryan

The BeatBlocks VIP Experience

1 Artist:

- Mint your song/album into an NFT
- Sell & market your NFT
- Receive lifetime royalties on NFT sales

❏ Lifetime Backstage Passes

❏ Lifetime Front Row Concert Tickets

❏ Lifetime Virtual Concert Tickets

❏ Lifetime Artist Membership

❏ Remix & Royalties

2 Fan:

- Purchase your favorite artist's NFT
- Own a digital copy, unique to you
- Receive access and perks below

❏ Artist-to-Artist Access

❏ Digital Album

❏ Physical Album

❏ New artist merchandise every 6 months

Artist Portal

O1

The artist portal allows users to mint audio NFT's to sell to their fans

Artists can decide the tier structure for the NFT's access features

Artists are easily able to verify that their audio was minted into an NFT and they can transfer the token as they please.

Fan / Investor Portal

02

On the BeatBlocks Fan/Investor Portal, you can browse and choose the music pieces uploaded by artists around the world.

For the ones you like and they are at the right price, you can purchase the NFT which also comes with special perks as offered by the original artists!

BeatBlocks 2.0

Fall 2021

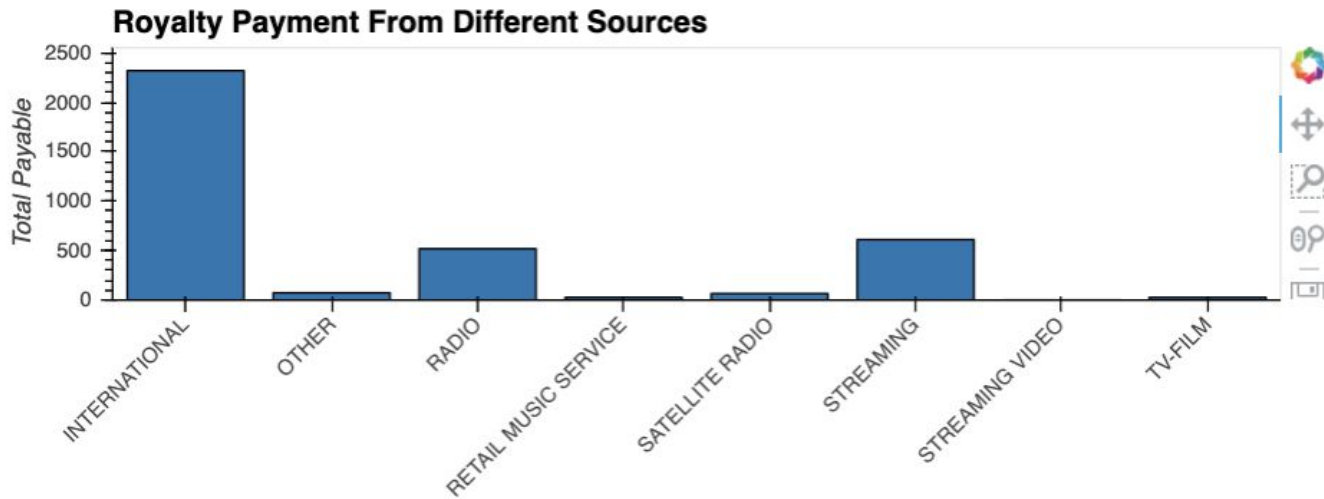**Onboard royalty payment services and music streaming.**

Royalty Payment Analysis

We provide our NFT owners with in depth cash flow analysis based on historical royalty payments data. Sourced from various channels.

SO THAT THEY CAN INVEST IN CONFIDENCE.
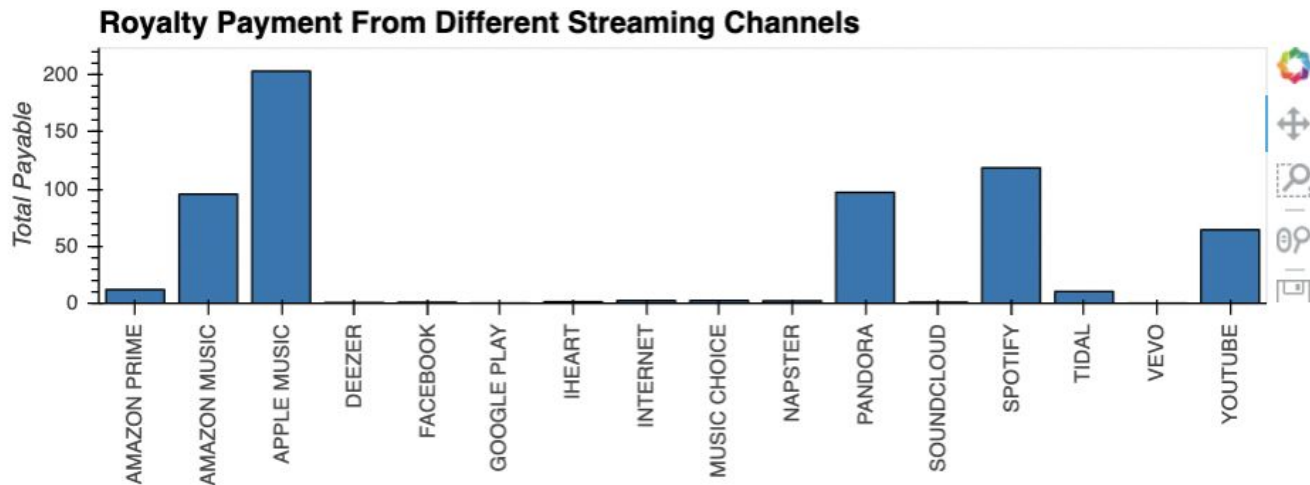

Royalty Payment From Different Sources

Royalty Payment Analysis

We summarize streaming data from various sources, sharing with our investors and posting royalty payments on a monthly basis.

SO THERE IS TRANSPARENCY TO THEIR REGULAR INCOME.

Royalty Payment From Different Streaming Channels

Royalty Distribution

We have created the platform to distribute music royalties to NFT owners on a regular basis.

So you don't only own the music you love, but you also make money when other people listen to it.

BeatBlocks Address

0xBd11423241aae7f3313D143777a7Ea43

Balance: 1.93917554 eth

Select an Album

Sound Wave

Total Streams in Current Month

500.00   —   +

Album: Sound Wave

Owner Address:
0x2422858F9C4480c2724A309D58Ffd7Ac

Rate per 1,000 streams: 0.001

Latest Royalty Distribution: 0.0005 eth

Send Transaction

Validated Transaction Hash

b'\xb6y;\x03\xf8\xbd\xb0\x6e\xb9!\x
9eT!\x87\x020\xe0\xca\xd2\xb4\xdb\xb
e\xd5\xc0\x9aA\xa4\xda\xf3\x6c\xb6\x
da'

Music Royalty Distribution

Album: Ryman

Owner Address: 0xaC8eB8B2ed5C4a0fC41a84Ee49S0F417f67029F0

Last 12 Months' Royalties: 5.654 eth

Rate per 1,000 streams : 0.002 eth

Album: Sound Wave

Owner Address: 0x2422858F9C4480c2724A309D58Ffd7Ac8bF65396

Last 12 Months' Royalties: 3.254 eth

Rate per 1,000 streams : 0.001 eth

Album: Shameless

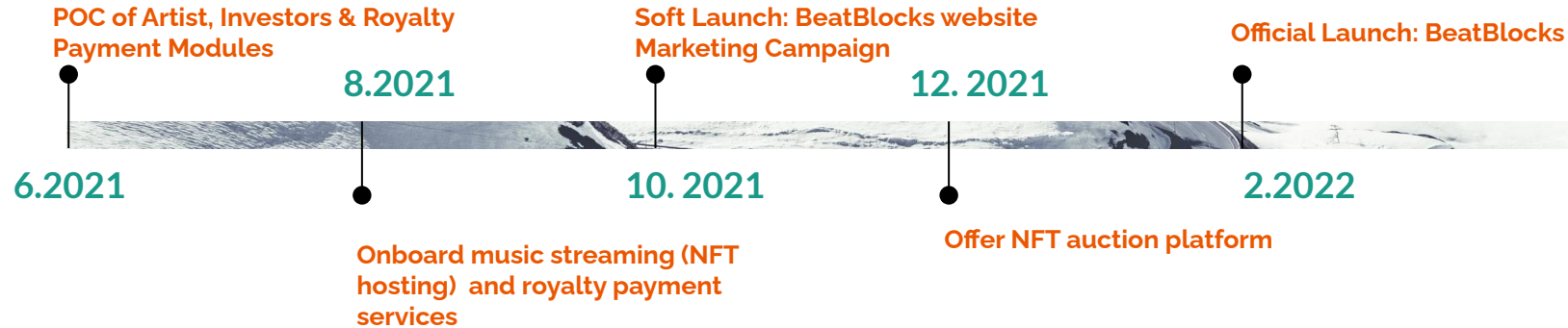Owner Address: 0x8fD00f170FDf3772C5ebdCD90bF257316c69BA45

Last 12 Months' Royalties: 9.345 eth

Rate per 1,000 streams : 0.002 eth

Vision

-There is competition in the Audio NFT space, but it is limited to early stage developments
-The BeatBlocks platform represents a unique source of value for music creators and their fans.

POC of Artist, Investors & Royalty Payment Modules

Soft Launch: BeatBlocks website Marketing Campaign

Official Launch: BeatBlocks

8.2021

12. 2021

6.2021

10. 2021

2.2022

Onboard music streaming (NFT hosting) and royalty payment services

Offer NFT auction platform

Lessons Learned

Technologies Used

- Python (Pandas, hvplot)
- Jupyter Notebook
- Remix
- Solidity (Smart Contracts)
- Streamlit

Our team spent a lot of time fine tuning the functions for our ERC-721 NFT contract.

Going forward, we would like to update the Streamlit web app interface with more user options and functionalities (i.e. NFT auction, digital art cover to go with music uploaded, etc.)

Integrating multiple technologies creates more room for obscurity with errors

Thank You!