

Will My **NFT** Sell?

Shawn Samuel





OUTLINE

Business Problem

Data

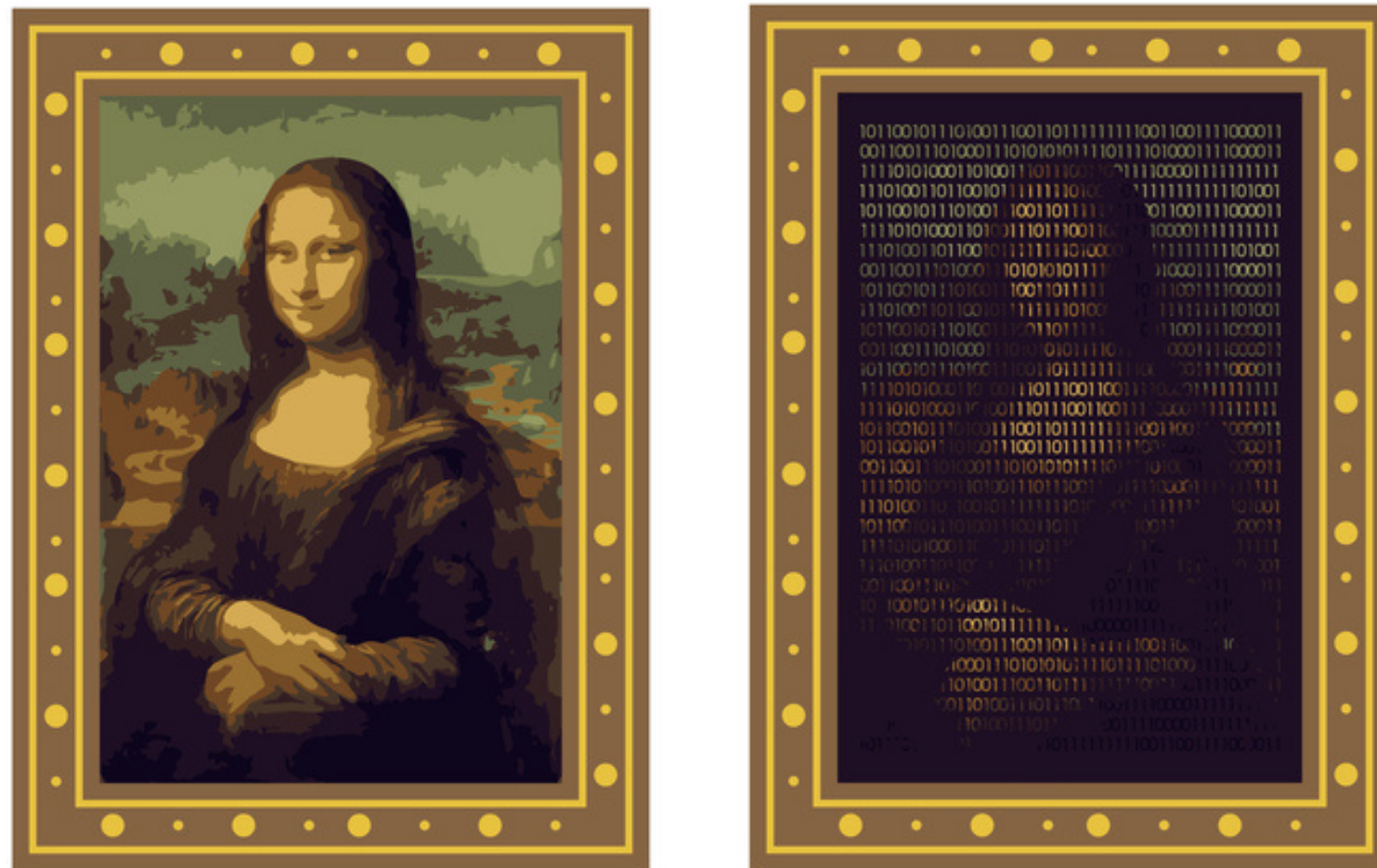
Methods

Results

Conclusions

Future Work

What the fungible?



1/3
NFT sales cost
<\$100



1/2
NFT sales cost
<\$200

\$70-\$150
The cost of minting
and selling an NFT



1 **ethereum** transaction
in 2021 = **120kWh**
of energy = **4+ days** of
power for an average U.S.
household



Beeple's "**Everydays: the First
5000 Days**" sold in 2021 for

\$69.3 million



2014
The first NFT
was minted



\$250 million
The total value of
NFT sales in 2020

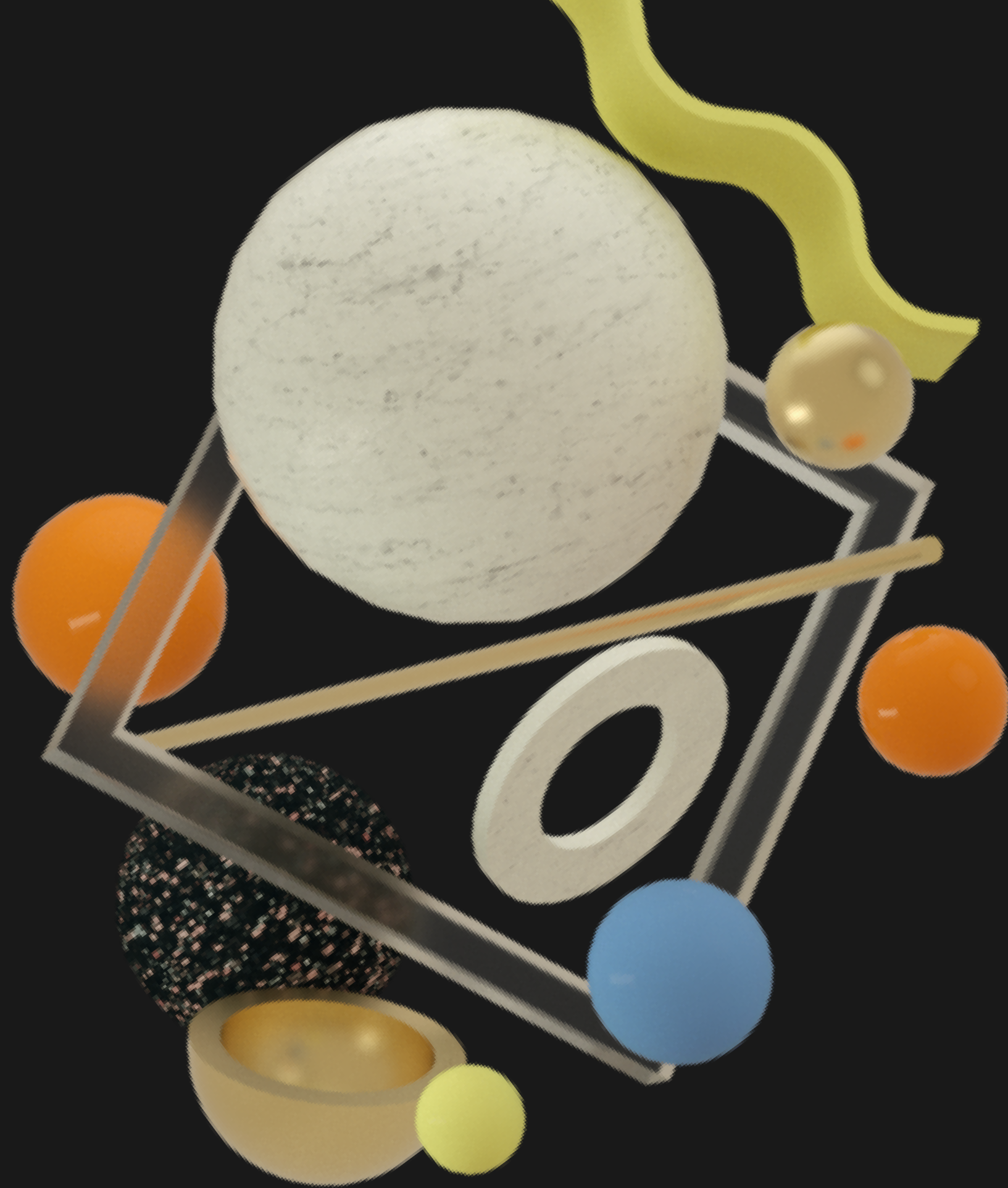


\$2 billion
The total value of
NFT sales in the first
quarter of 2021



Will My **NFT** Sell?



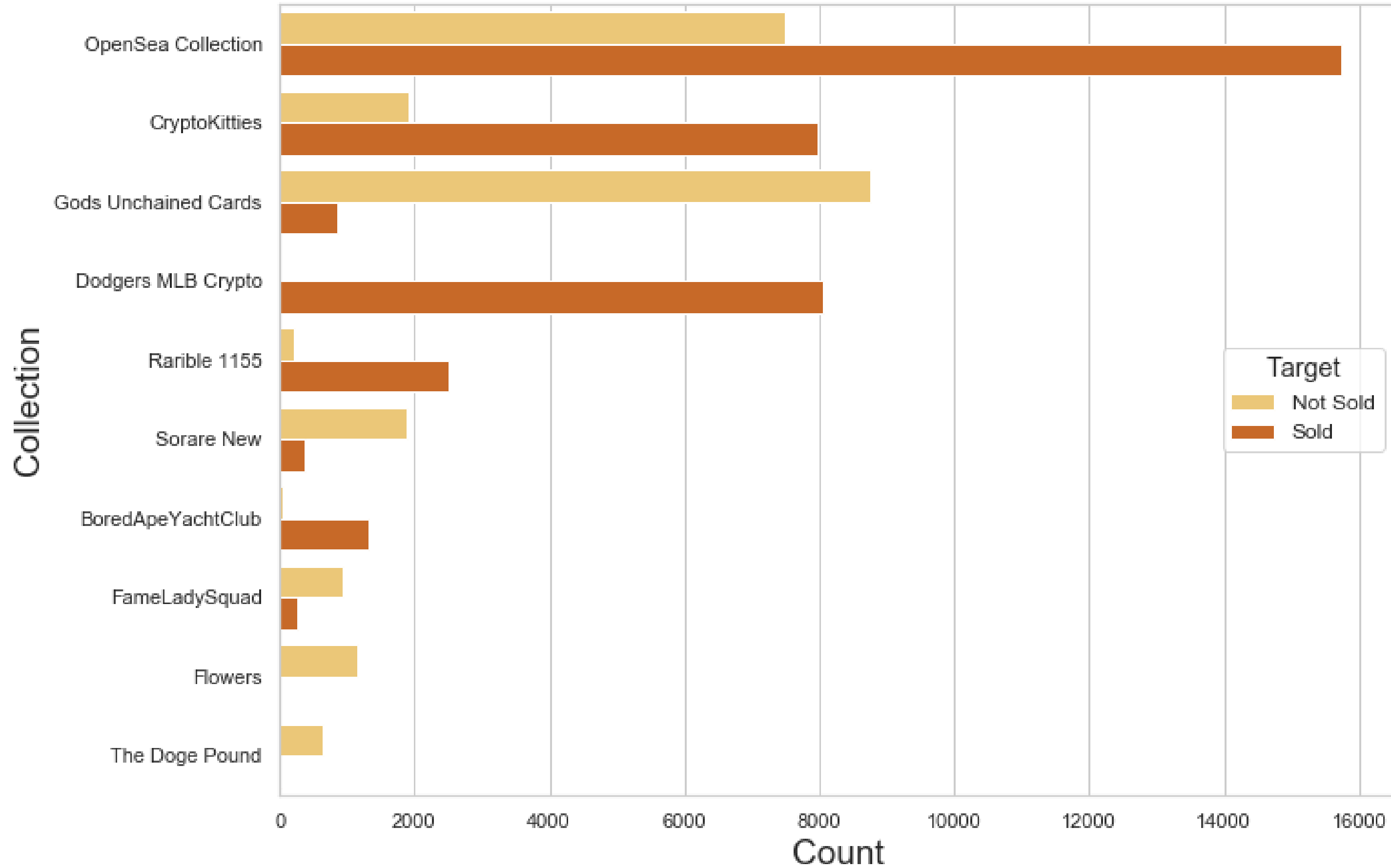


The Data

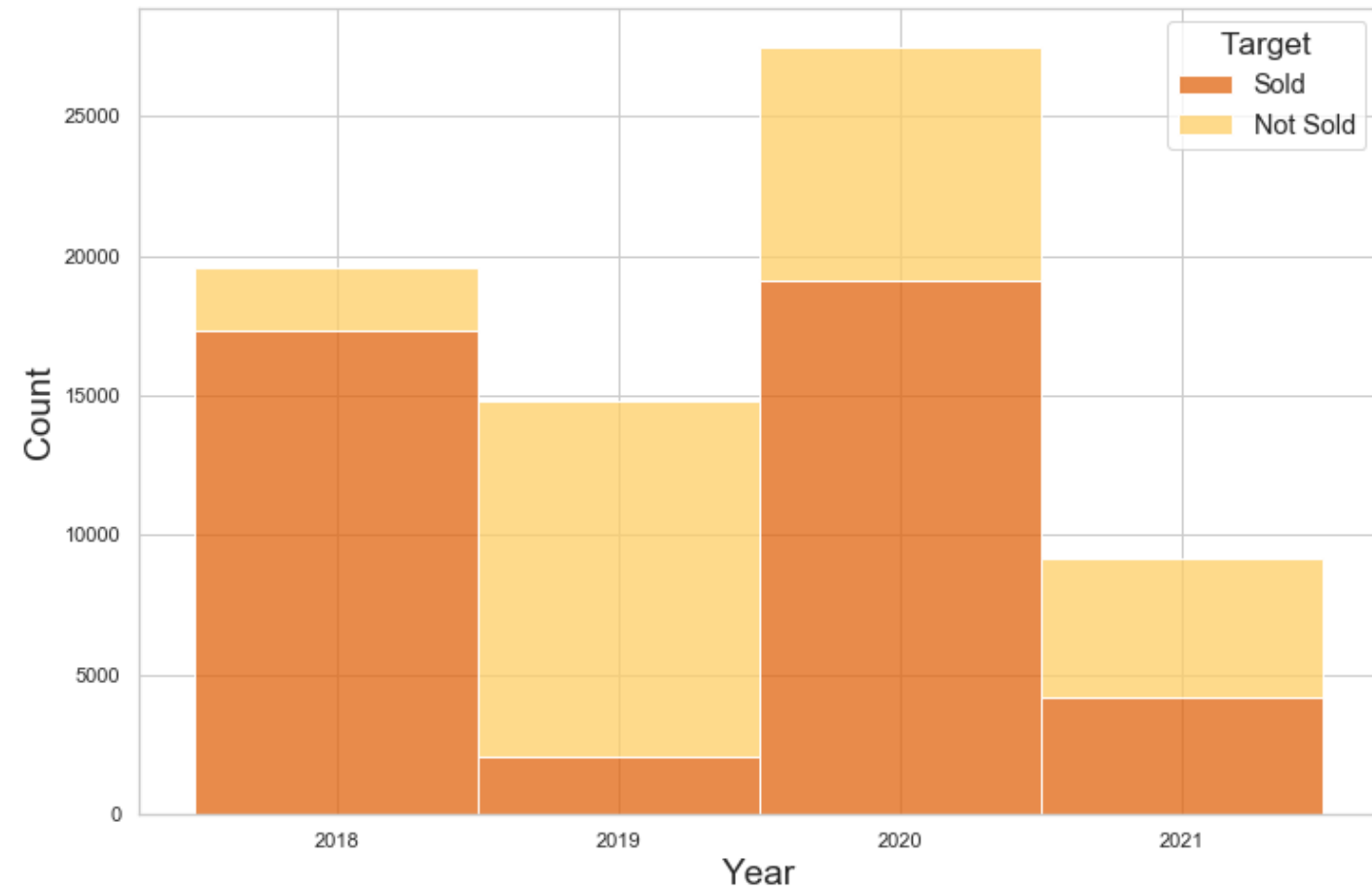
70K+
NFTs

2018-2021

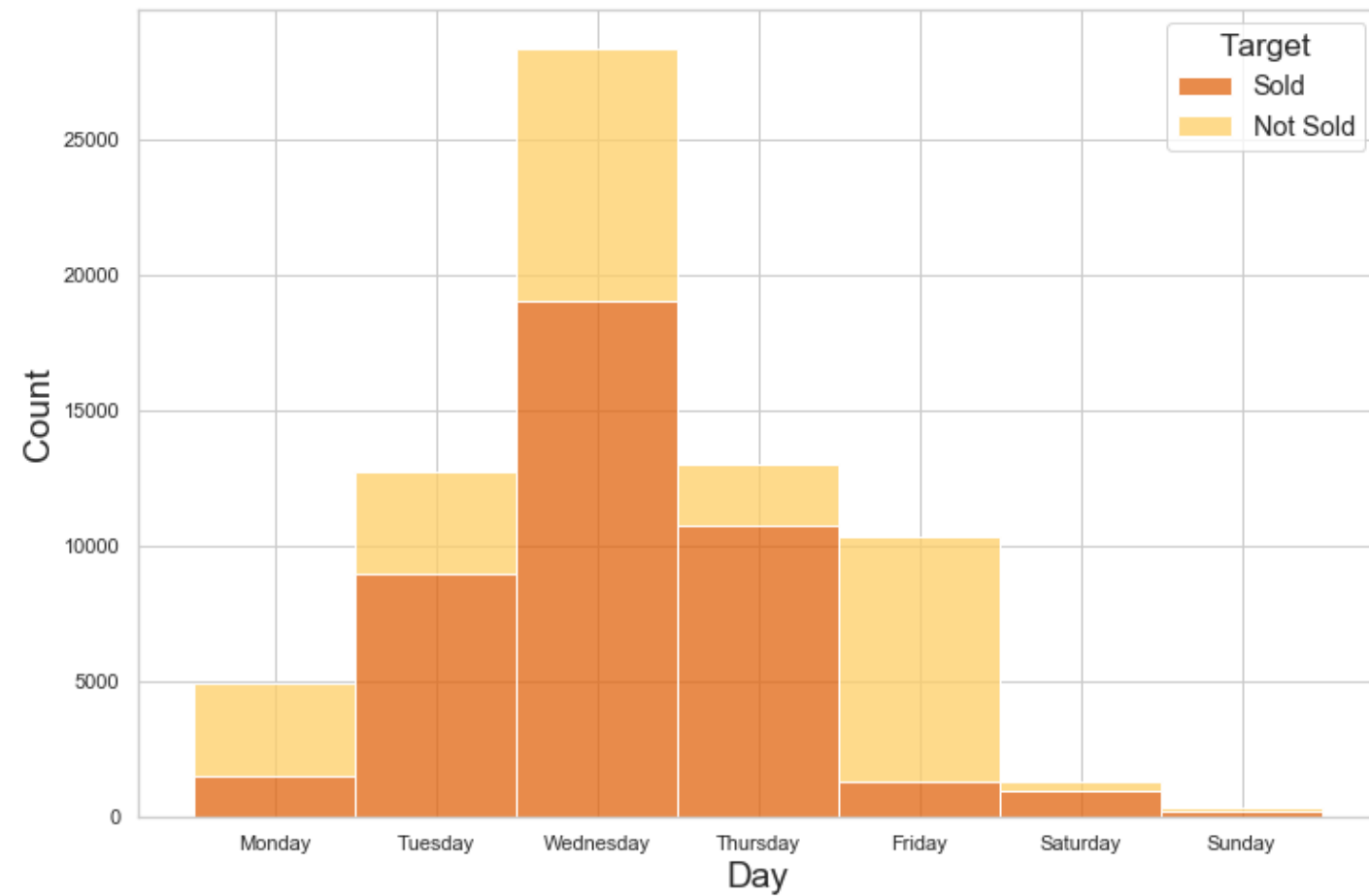
Heavily Represented Collections



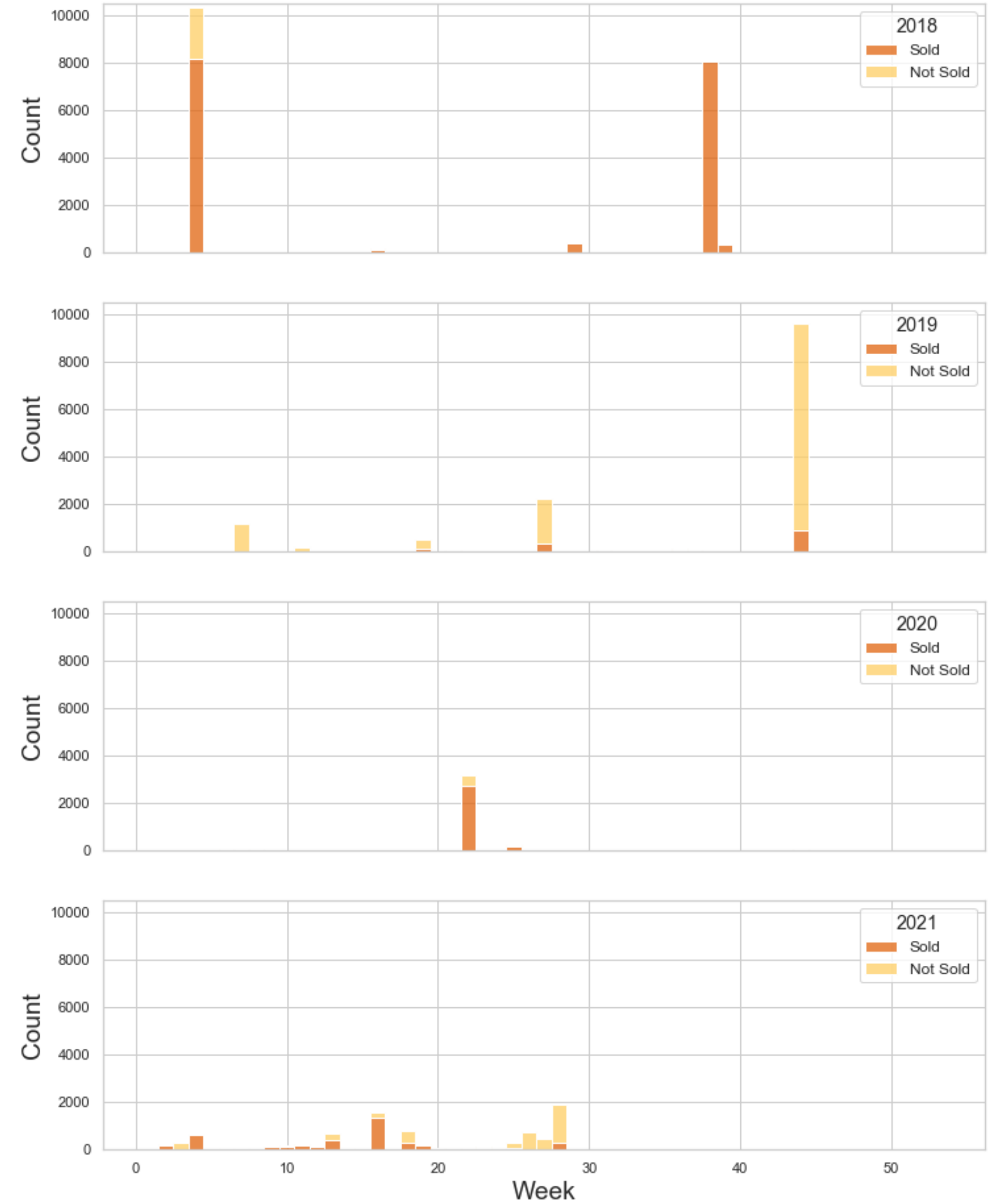
What Years Were NFTs Created?



What Days Were NFTs Created?



What Weeks Were NFTs Created?





Methods

01

Data Gathering

02

Data Cleaning & Preprocessing

03

Data Modeling

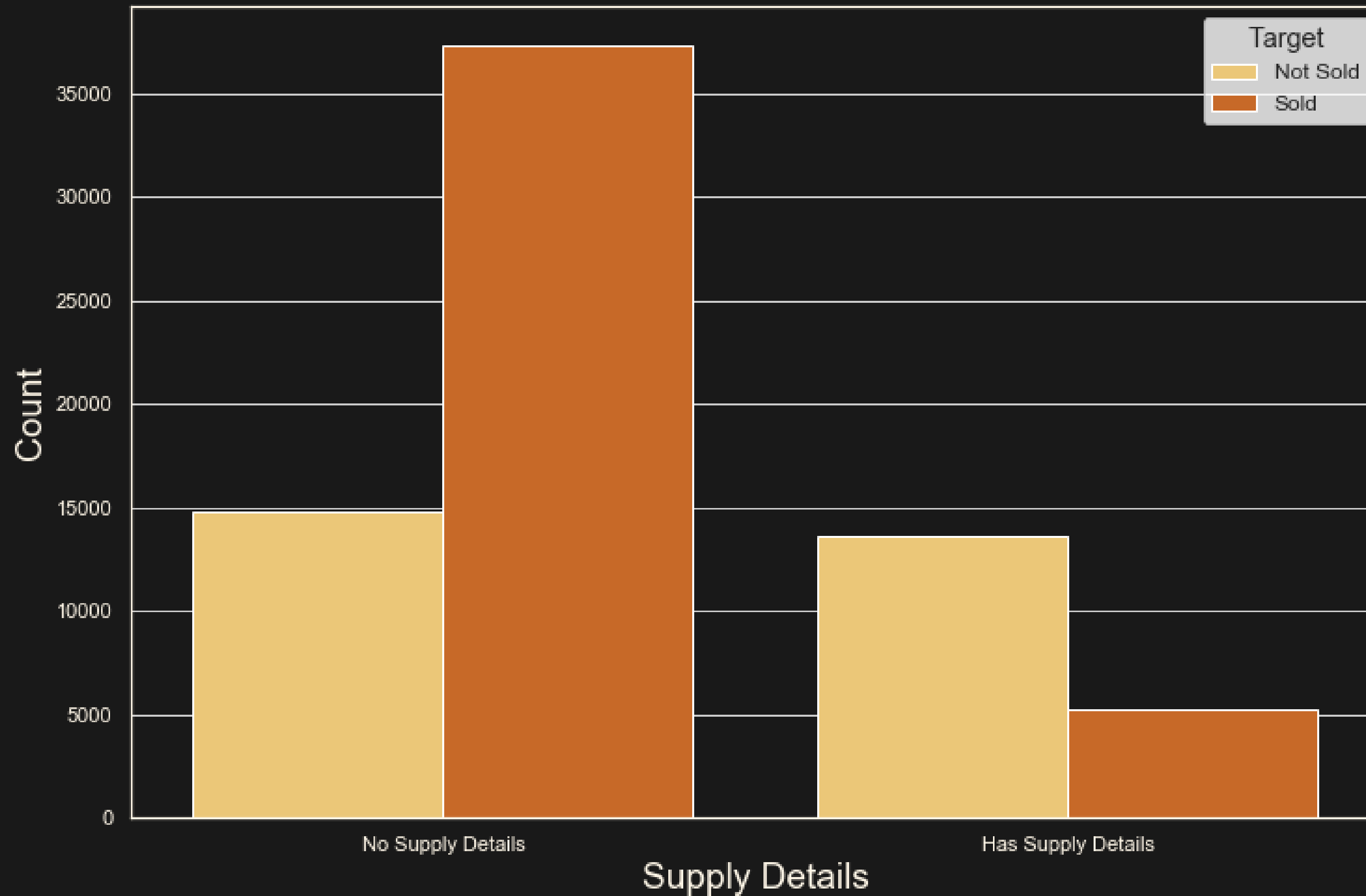
Results

Final model
precision: 91.26%

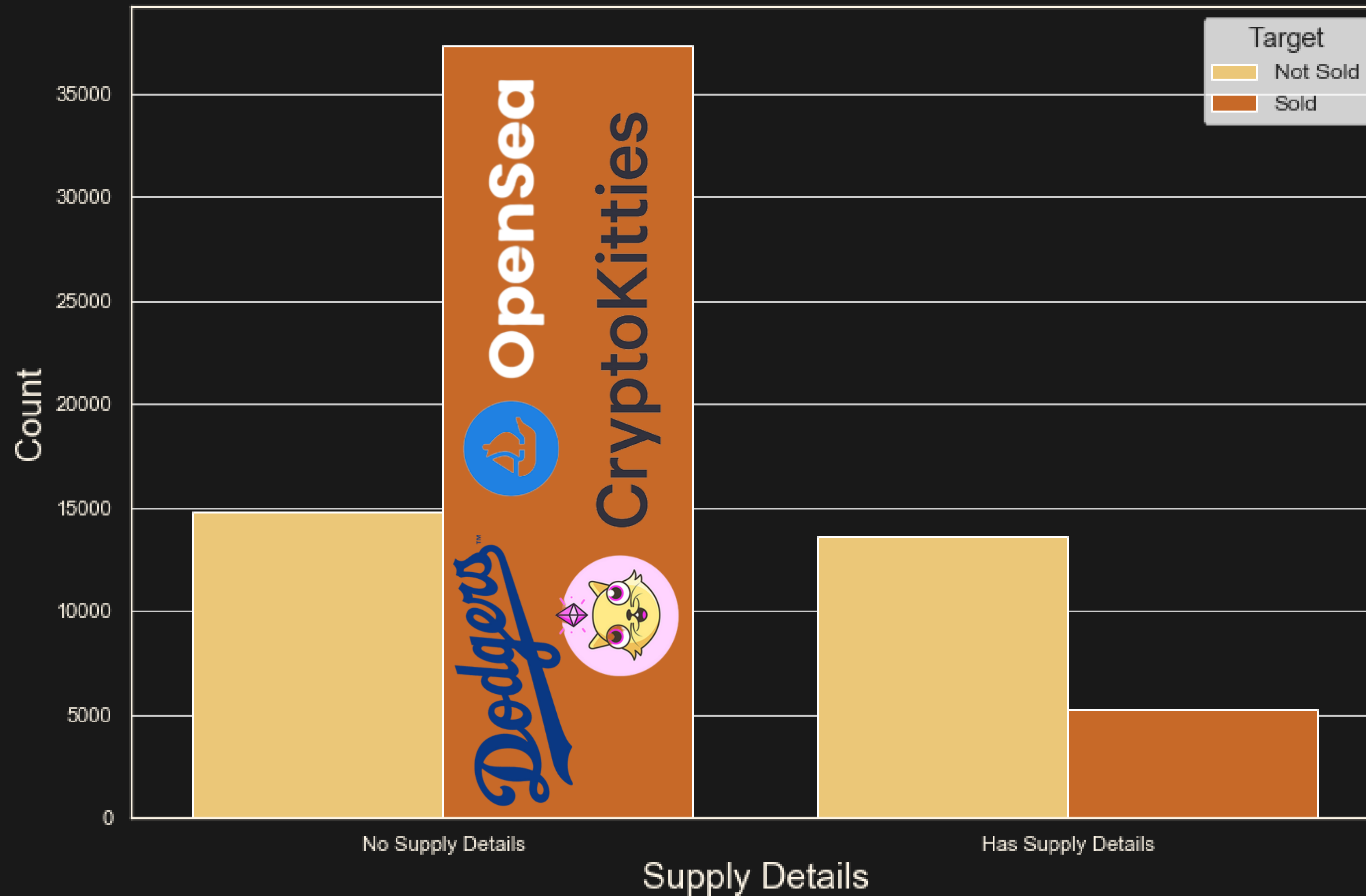
(30% improvement from our baseline)



Effect of Supply



Effect of Supply



Conclusions & Future Work



Conclusions & Future Work

01

Gathering data with a wider variety of dates and collections



Conclusions & Future Work

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Gathering data with a wider variety of dates and collections

02

Moving beyond binary features and build out richer features based on importance



Conclusions & Future Work

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Moving beyond binary features and build out richer features based on importance

03

Build a regression model with an actual price prediction



Conclusions & Future Work

01

Gathering data with a wider variety of dates and collections

02

Moving beyond binary features and build out richer features based on importance

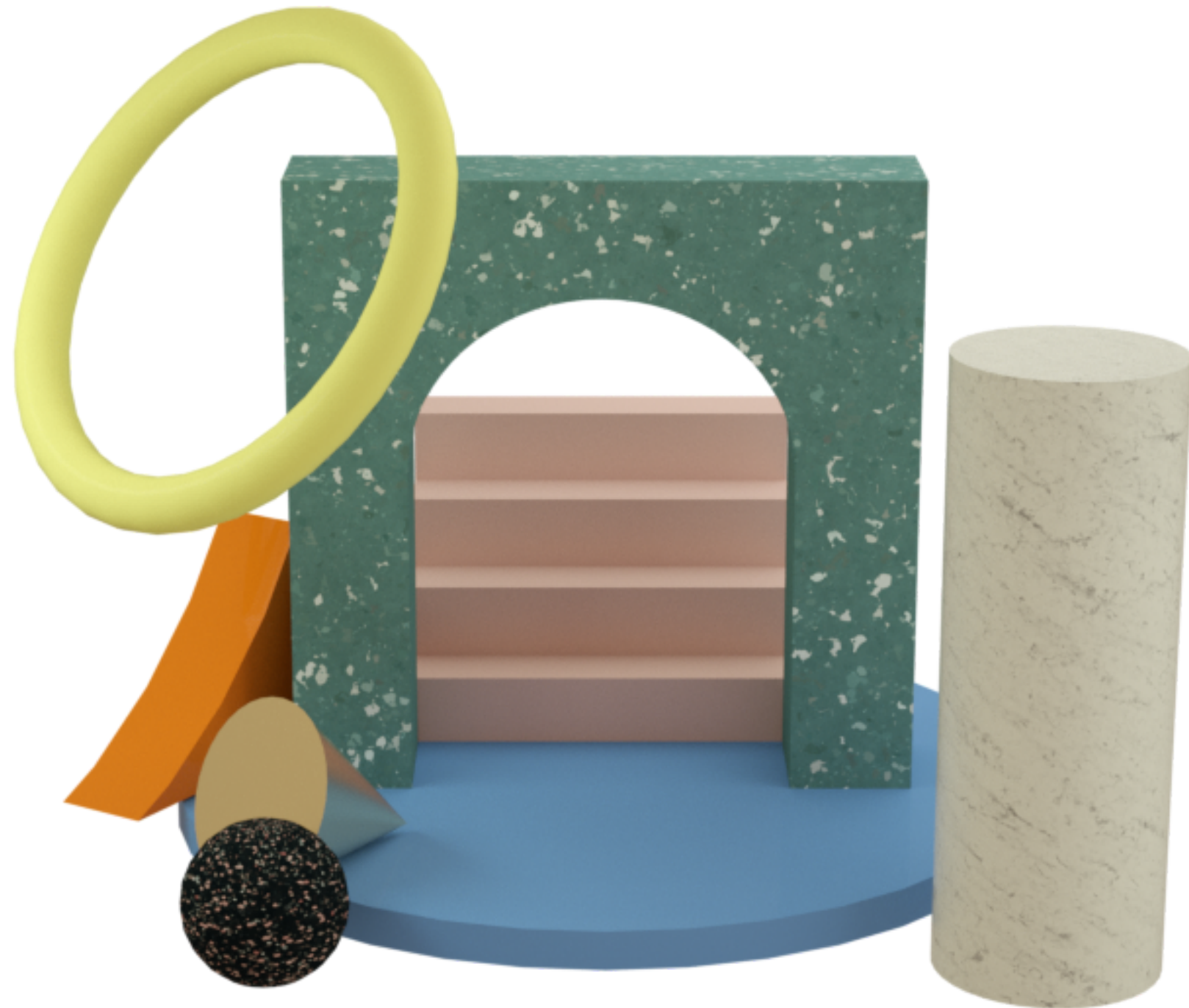
03

Build a regression model with an actual price prediction

04

Building a deployed user interface where an OpenSea NFT ID could be entered





Thank You

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