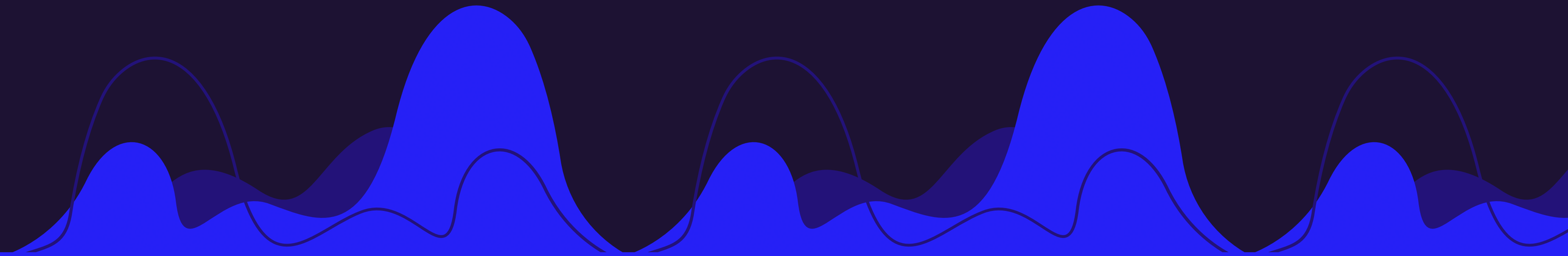
CryptoSneaks



Emmanuel
Etienne
Jerry
Sylvia

"The old question
'Is it in the database?'
will be replaced by '
Is it on the blockchain?'"

William Mougayar

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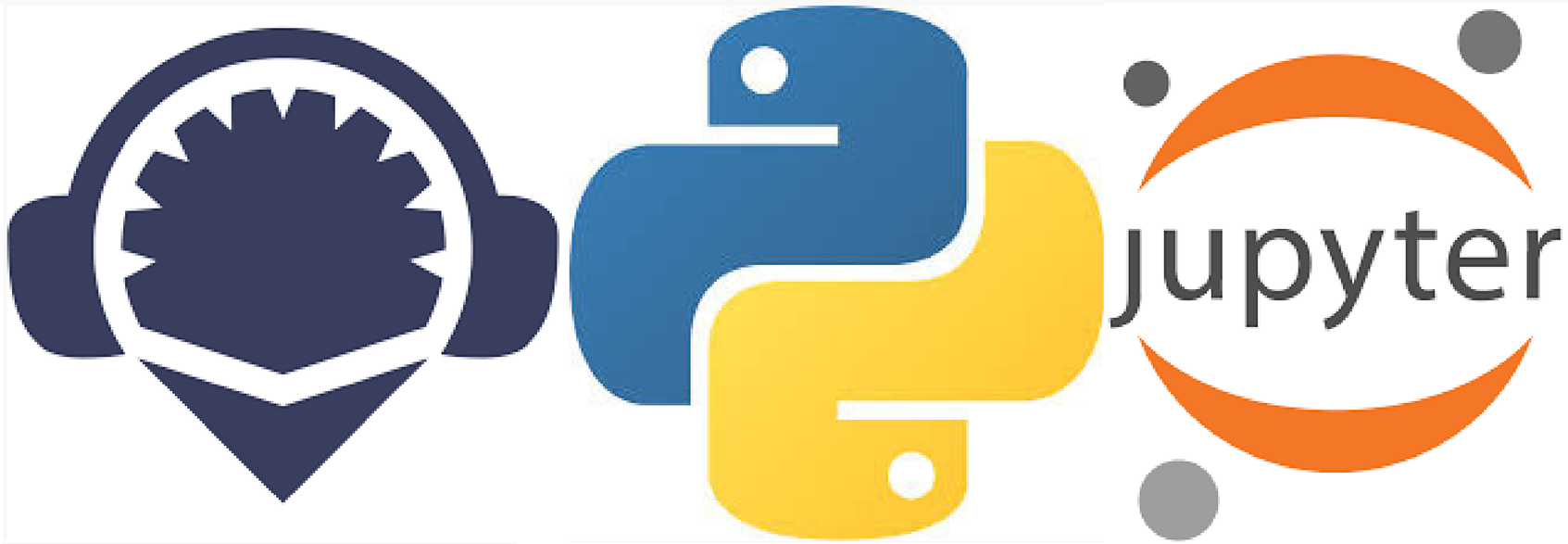
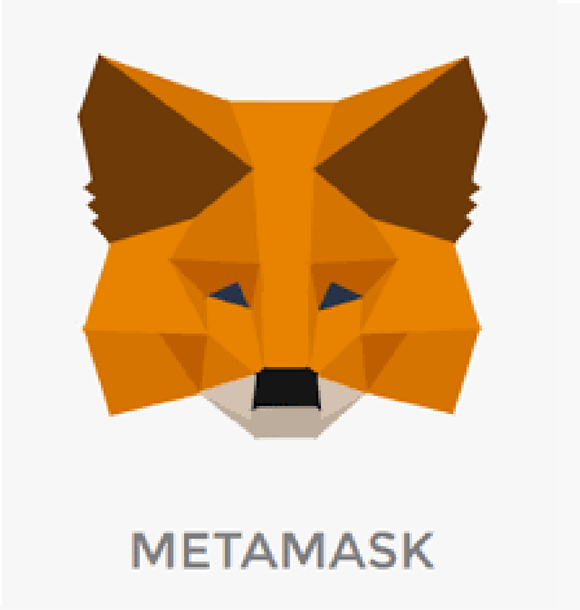
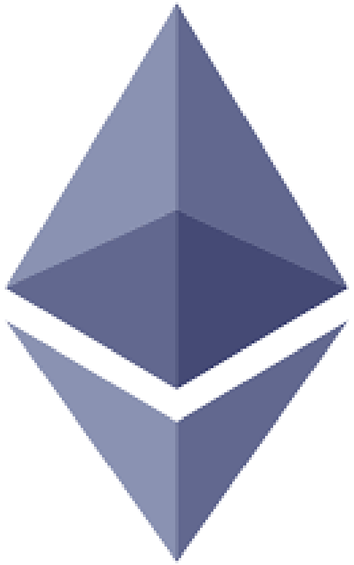
Summary

CryptoSneaks is a decentralized collectible sneaker auction market built on Ethereum.

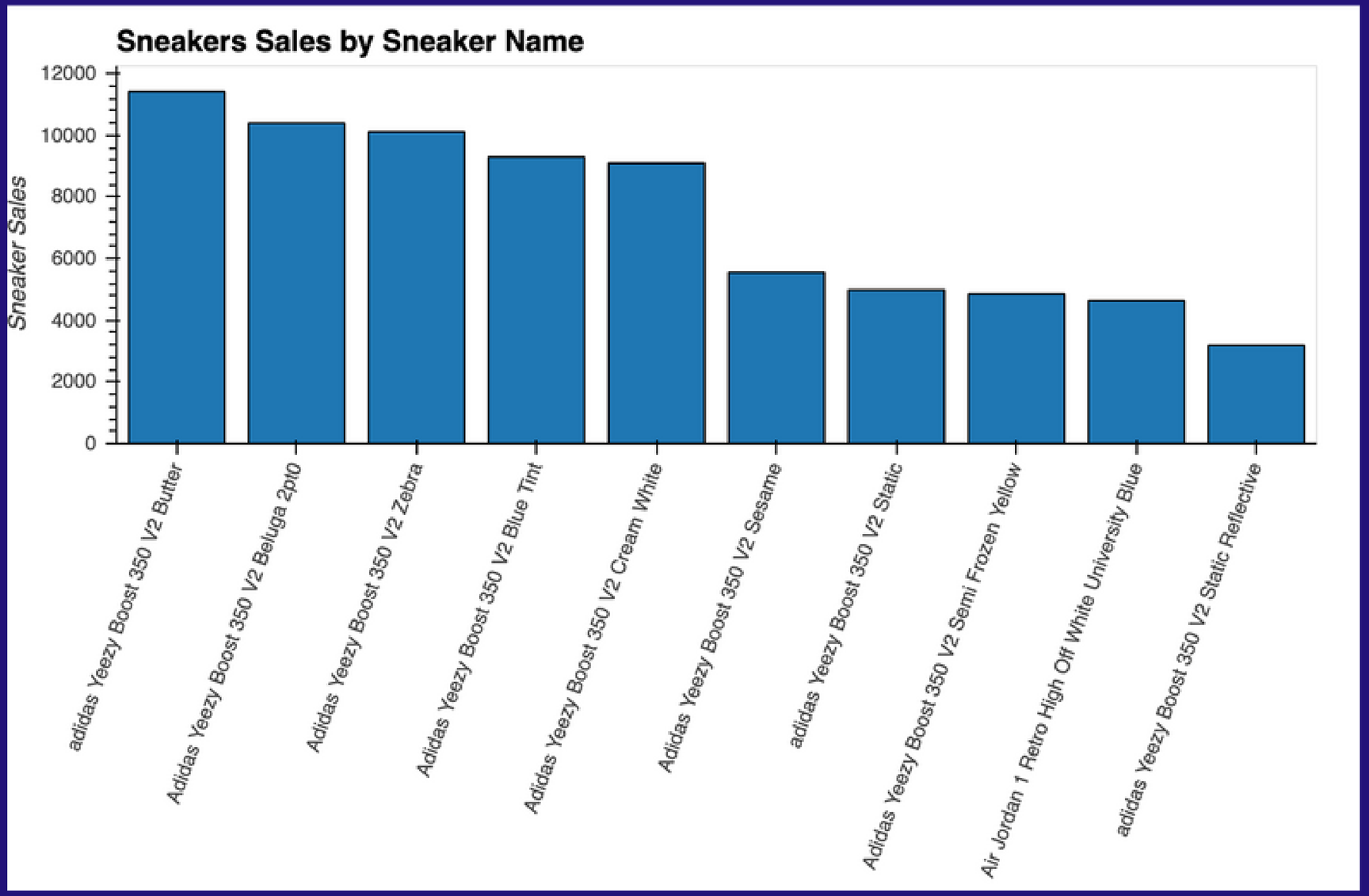
Resource



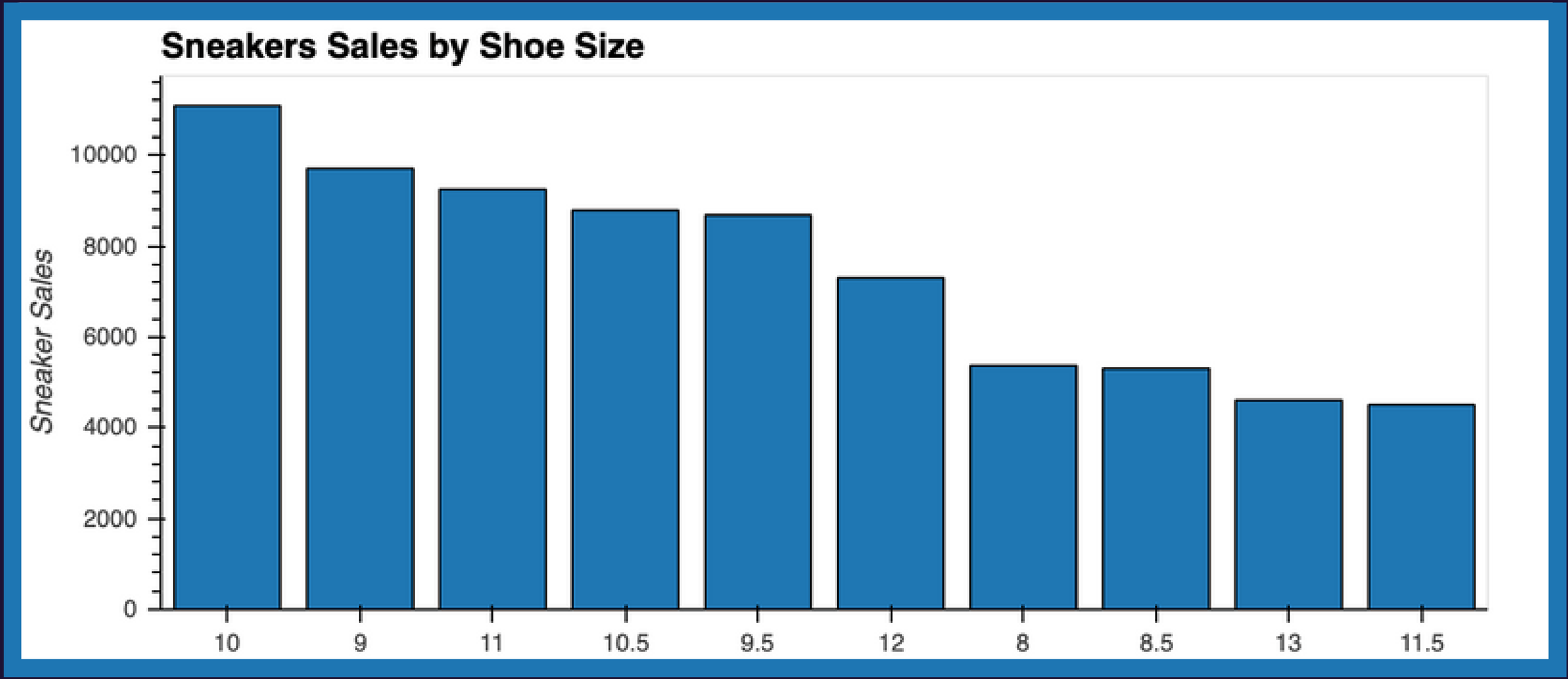




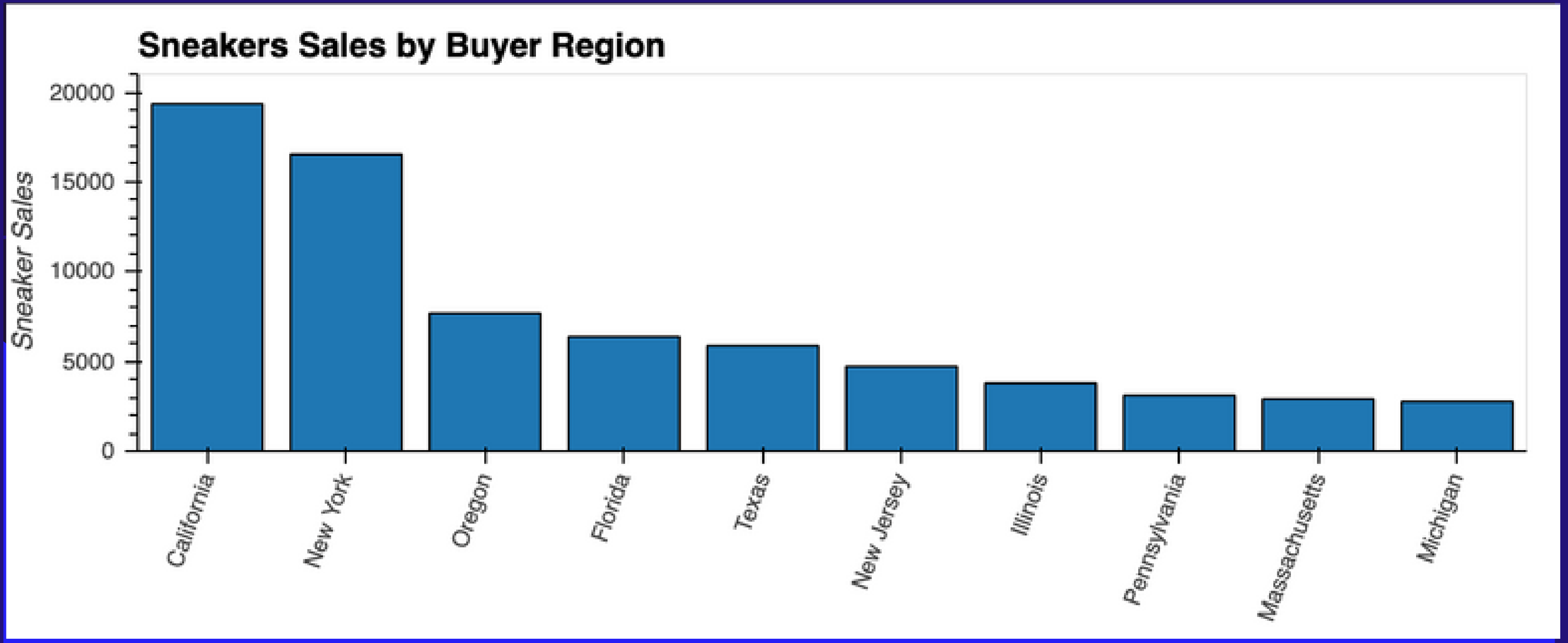
Market Analysis



Market Analysis



Market Analysis



Market Analysis

Random Forest Regression

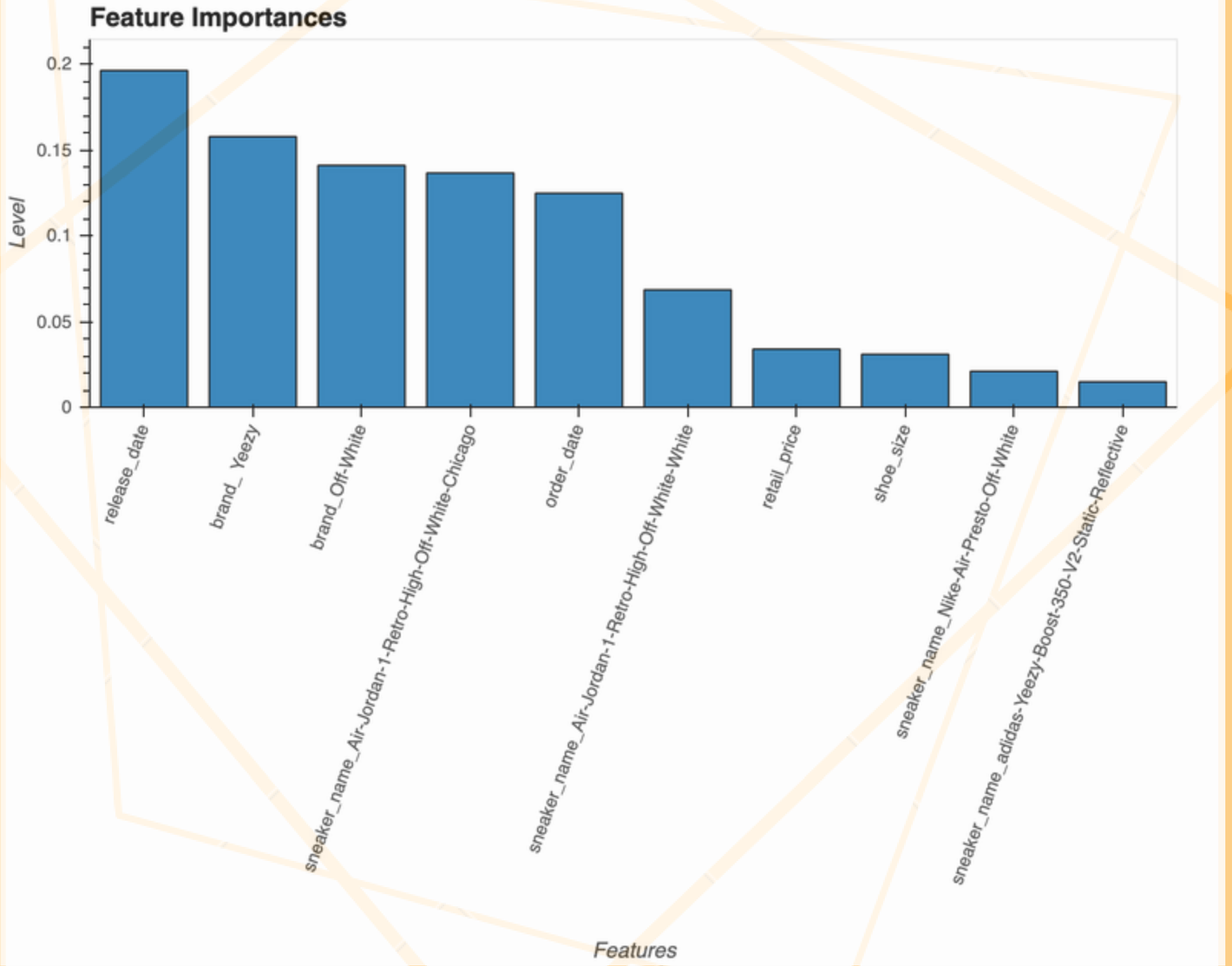
Parameters

```
# Define features set
X = df.drop(['sale_price'], axis=1)

# Define target vector
y = df.sale_price

# Encoding variables
X = pd.get_dummies(X, columns=["brand", "sneaker_name", "buyer_region"])
X.head()

# Splitting into Train and Test sets
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state = 27)

# Create the random forest regresor instance
rf_model = RandomForestRegressor(n_estimators=500,random_state=27)
```

Random Forest Regression

Metrics

R^2: 0.98
Mean Absolute Error: 14.49
Median Absolute Error: 7.10
Accuracy: 97.14%

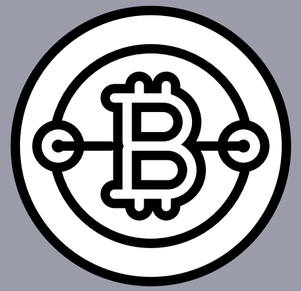


Demo

me
About
Bid
CRYPTOSNEAKS
World's Largest Decentralized Collectible Sneaker
Auction Market

In the near future

Accept our own ICO for auction transactions



Accept multiple different types of crypto

Allow easier peer to peer transactions

Let users register their own sneakers auctions