

0.8 2. Cryptopunks Daily Volume

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[11]: # Create variables needed for owner data and append to url
cryptopunks_historical_url = url + chain_id + "/nft_market/collection" + \
    ↪ cryptopunks_address + api_no_option

# Get request
cryptopunks_historical_json = requests.get(cryptopunks_historical_url).json()

# Convert historical json data to a dataframe and view data
cryptopunks_df = pd.DataFrame(cryptopunks_historical_json['data']['items'])

# Set index to date
cryptopunks_df = cryptopunks_df.set_index('opening_date')

# Create Volume dataframe
cryptopunks_vol_df = pd.DataFrame(cryptopunks_df, columns = \
    ↪ ['volume_quote_day', 'unique_token_ids_sold_count_day']).sort_index()
cryptopunks_vol_df.head()
```

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[11]:
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| | volume_quote_day | unique_token_ids_sold_count_day |
|--------------|------------------|---------------------------------|
| opening_date | | |
| 2017-06-23 | 0.0 | 19 |
| 2017-06-24 | 0.0 | 22 |
| 2017-06-25 | 0.0 | 11 |
| 2017-06-26 | 0.0 | 18 |
| 2017-06-27 | 0.0 | 35 |

```
[12]: # Plot Volume quote per day
cryptopunks_volume = cryptopunks_vol_df['volume_quote_day'].astype(int)

# cryptopunks_volume.plot.line(figsize = (20,4))

px.bar(cryptopunks_volume)
```

