

0.12 3. BAYC Daily Volume

```
[16]: # Create variables needed for owner data and add to url
BAYC_historical_url = url + chain_id + "/nft_market/collection" + BAYC_address_
    ↪+ api_no_option

# Get request
BAYC_historical_json = requests.get(BAYC_historical_url).json()

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

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

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

```
[16]:
```

	volume_quote_day	unique_token_ids_sold_count_day
opening_date		
2021-04-30	8.241964e+02	1
2021-05-01	1.737182e+06	1635
2021-05-02	4.950946e+06	1534
2021-05-03	3.948996e+06	996
2021-05-04	1.388962e+06	336

```
[17]: # Plot Volume quote per day
BAYC_volume = BAYC_vol_df['volume_quote_day'].astype(int)

# BAYC_volume.plot.bar(figsize = (20,4))
px.bar(BAYC_volume)
```

