



0.16 Combine Total Fees

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[26]: # Group by address label and sum the value
combined_totals
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[26]:
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to_address_label	azuki_total	cryptopunks_total	BAYC_total
Gem: GemSwap 2	1.791827e+06	3.683260e+05	2.568193e+06
LooksRare: Exchange	2.623563e+06	NaN	8.814426e+06
Wyvern Exchange Contract (-)	9.173662e+06	NaN	2.918673e+07
CRYPTOPUNKS ()	NaN	2.909927e+07	NaN

```
[38]: # Combine and rename columns for our total sales data
azuki_usd_fees = azuki_sales['fees_paid'].astype(int)/10**18*eth_value
cryptopunks_usd_fees = cryptopunks_sales['fees_paid'].astype(int)/
    ↪ 10**18*eth_value
BAYC_usd_fees = BAYC_sales['fees_paid'].astype(int)/10**18*eth_value

# Combine dataframe and drop nulls
combined_usd_fees = pd.concat([azuki_usd_fees.reset_index(drop=True),
                                cryptopunks_usd_fees.reset_index(drop=True),
                                BAYC_usd_fees.reset_index(drop=True)],
                                axis=1
                                ).dropna()
combined_usd_fees.columns = ['azuki_fees', 'cryptopunks_fees', 'BAYC_fees']
```

```
[39]: # Plot for combined figure
combined_fees_fig = px.violin(combined_usd_fees)

# Show Figure
combined_fees_fig.show()
```