

```
In [4]: import requests
from bs4 import BeautifulSoup
import matplotlib.pyplot as plt
import seaborn as sns
from collections import Counter

# Step 1: Scrape quotes and authors
base_url = "http://quotes.toscrape.com/page/{}/"
authors = []

# Scrape first 5 pages
for page in range(1, 6):
    url = base_url.format(page)
    response = requests.get(url)
    soup = BeautifulSoup(response.text, "html.parser")

    quotes = soup.find_all("div", class_="quote")
    for quote in quotes:
        author = quote.find("small", class_="author").text
        authors.append(author)

# Step 2: Count author frequency
author_counts = Counter(authors)

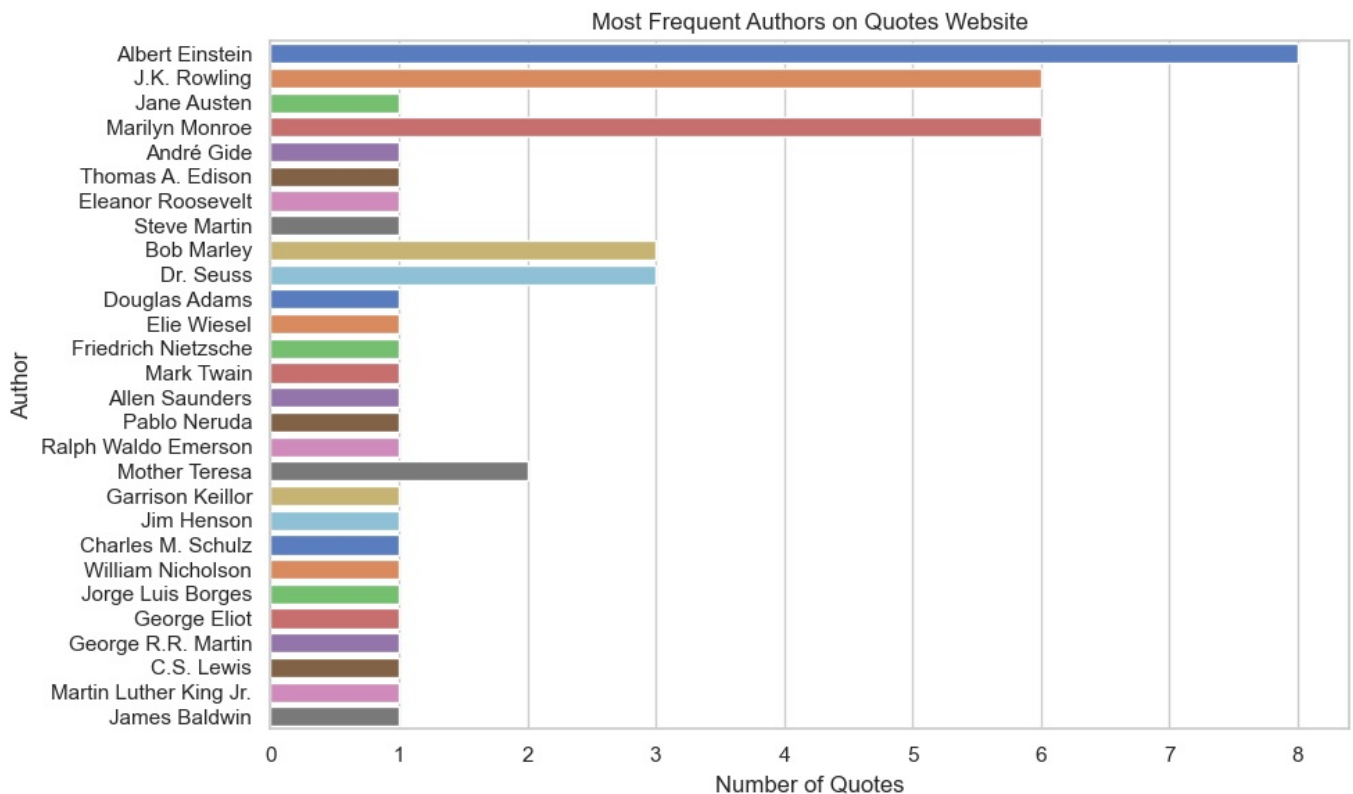
# Convert to list for plotting
author_names = list(author_counts.keys())
quote_counts = list(author_counts.values())

# Step 3: Visualization
sns.set(style="whitegrid")
plt.figure(figsize=(10, 6))
sns.barplot(x=quote_counts, y=author_names, palette="muted")
plt.title("Most Frequent Authors on Quotes Website")
plt.xlabel("Number of Quotes")
plt.ylabel("Author")
plt.tight_layout()
plt.show()
```

C:\Users\ELCOT\AppData\Local\Temp\ipykernel_2212\2204685874.py:32: FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `y` variable to `hue` and set `legend=False` for the same effect.

```
sns.barplot(x=quote_counts, y=author_names, palette="muted")
```



In []:

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