



Analysis of the Cost of a Night Out in Various Cities

Understanding the cost of a night out in different cities can provide valuable insights into the financial landscape of entertainment and dining globally. To explore this, I analyzed a dataset containing average costs associated with a night out in major cities around the world. The dataset includes information on five key components: cinema entry, dinner, drinks at dinner, club entry, and taxi fare.

Objective:

To determine the average cost of a night out in various cities and identify the most and least expensive cities for entertainment.

Dataset Overview:

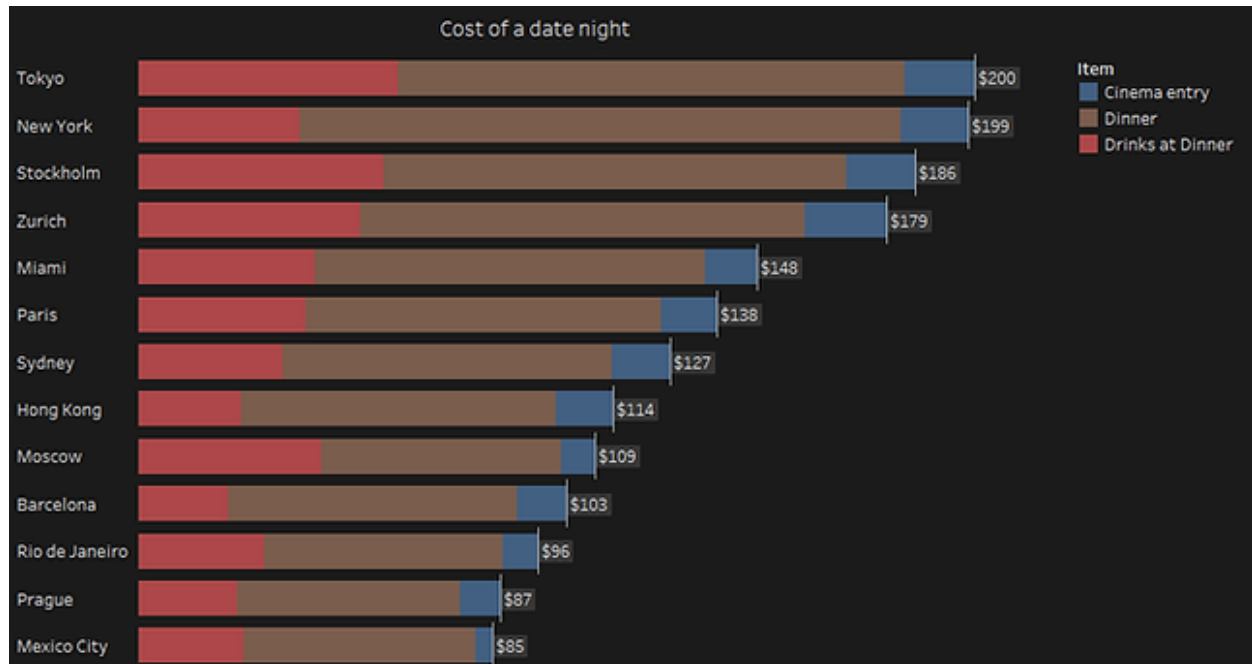
- **Columns:** 5 (Cinema entry, Dinner, Drinks at dinner, Club entry, Taxi fare)
- **Rows:** 92 (representing different cities)

Methodology:

1. **Data Collection:**
 - The dataset was sourced, containing detailed cost information for each component of a night out in various cities.
2. **Data Cleaning:**
 - Ensured there were no missing or inconsistent values in the dataset.
 - Standardized currency values to maintain consistency across all data points.
3. **Data Analysis:**
 - Calculated the total cost of a night out for each city by summing the costs of cinema entry, dinner, drinks, club entry, and taxi fare.
 - Identified the highest and lowest cost cities by ranking the total costs.
 - Created visualizations to represent the cost breakdown for each city.

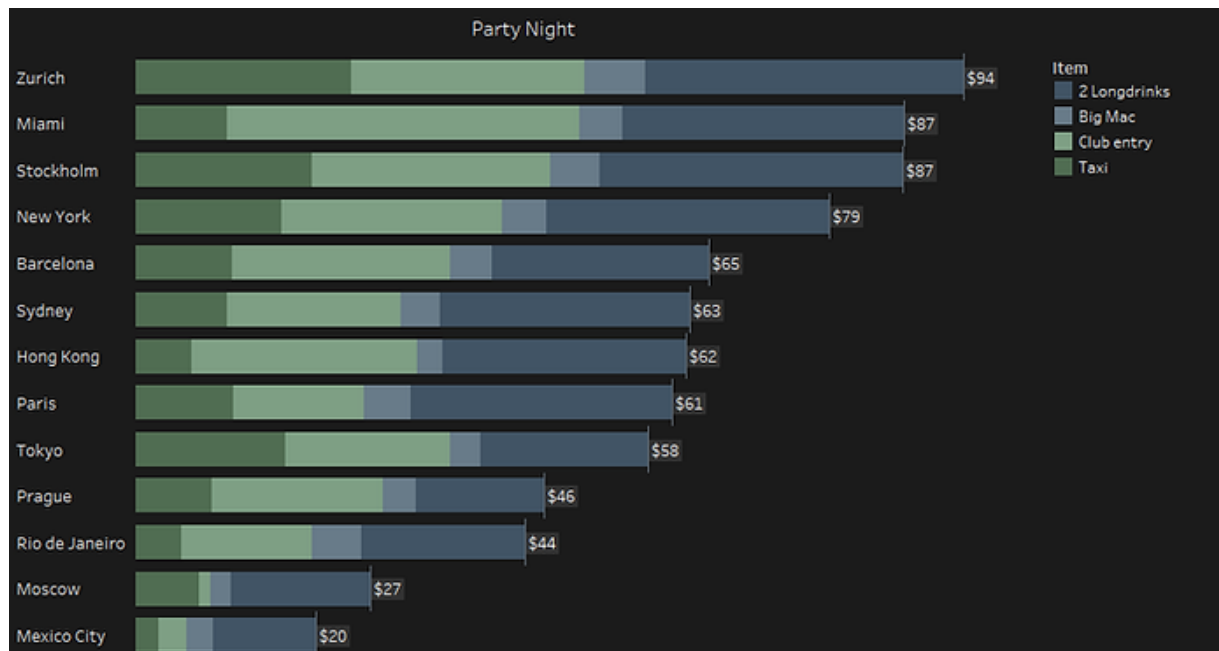
Visualization and Insights:

To provide a clear understanding of the costs, I created two bar charts representing the cost breakdown for a date night and a party night.



Date Night Costs:

- **Tokyo** and **New York** emerge as the most expensive cities for a date night, with total costs nearing \$200. In Tokyo, the high cost is driven by expensive drinks at dinner, while in New York, dinner itself is the priciest component.
- **Stockholm** and **Zurich** follow closely behind, with high costs for dinner and drinks.
- **Barcelona**, **Rio de Janeiro**, **Prague**, and **Mexico City** are the most affordable cities for a date night, with costs under \$100. In these cities, both dinner and drinks are relatively inexpensive, with cinema entry adding a small fraction to the total cost.



Party Night Costs:

- **Zurich** is the priciest city for a party night, with a total cost of \$94. The high expenses span across club entry fees, drinks, and taxi fares.
- **Miami** and **Stockholm** also rank as costly, primarily due to high club entry fees and drinks, each with a total cost of \$87.
- The most affordable cities for a party night are **Moscow** and **Mexico City**, with total costs of \$27 and \$20, respectively, highlighting significantly lower expenses across all categories.

Conclusion:

The analysis reveals significant variations in the cost of a night out across different cities. Cities like Zurich, Tokyo, and New York are the most expensive for both date and party nights, driven by high costs in multiple categories. Conversely, cities like Moscow and Mexico City offer the most affordable nightlife options, making them budget-friendly choices for entertainment and dining.

By understanding these cost dynamics, individuals can better plan their social activities based on their budget and location preferences.

These insights provide a clear picture of the diverse financial landscapes for enjoying a night out in different global cities, helping individuals plan their activities based on budget and location.