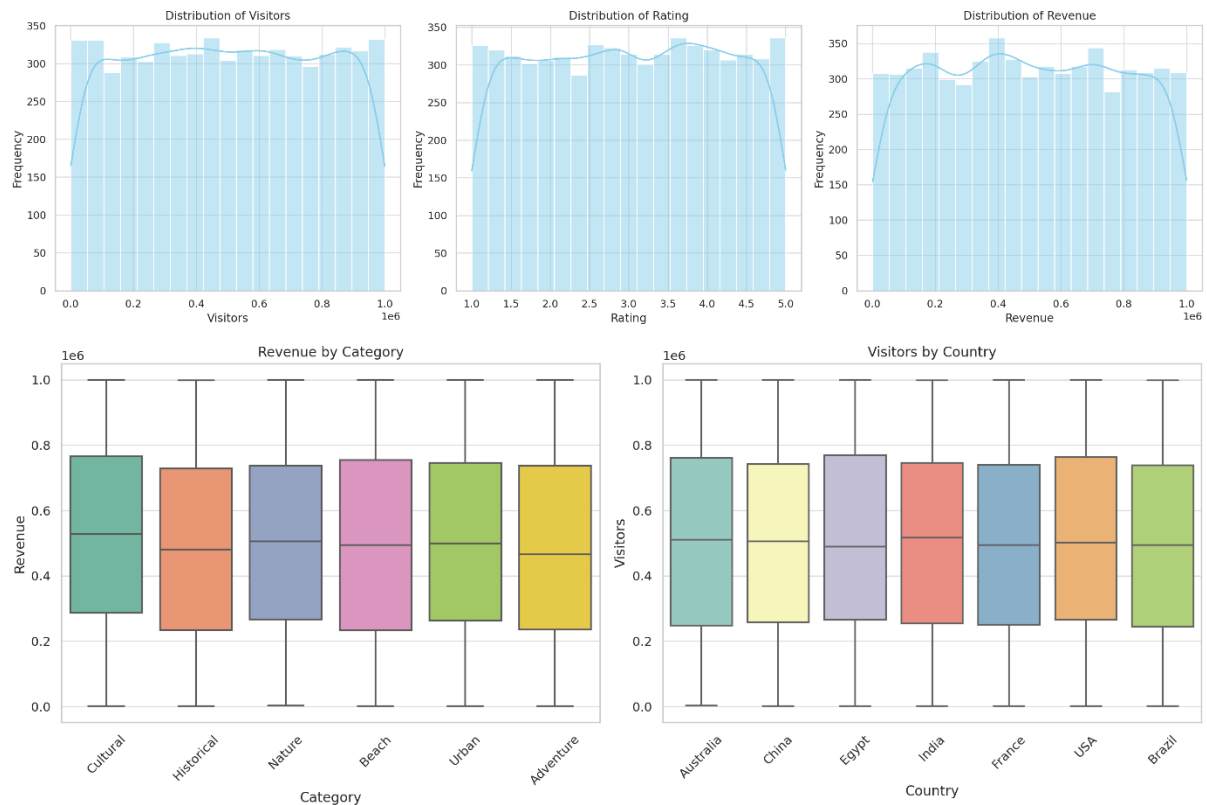


The dataset contains **5,989 records** with the following **8 columns**:

1. **Location**: Name/ID of the tourism location (unique for each row).
2. **Country**: Country where the location is situated (7 unique countries).
3. **Category**: Type of tourism (e.g., Cultural, Historical, Adventure, etc., with 6 unique categories).
4. **Visitors**: Number of visitors to the location.
5. **Rating**: Average rating (range: 1.0 to 5.0).
6. **Revenue**: Revenue generated in unspecified currency.
7. **Accommodation_Available**: Indicates if accommodations are available at the location (Yes/No).
8. **Date**: Date of record in YYYY-MM-DD format (2,066 unique dates ranging from 2018 to 2023).

Initial Observations

- **Visitors**: The dataset has a wide range, from a minimum of 1,108 visitors to a maximum of 999,982 visitors per record. The average is around 501,016.
- **Rating**: Ratings average around 3.01, with a standard deviation of 1.16, suggesting a broad distribution.
- **Revenue**: Revenue ranges from 1,025.81 to 999,999.49, with an average of approximately 499,479.37.
- **Categorical Data**:
 - **Accommodation_Available** has two values: "Yes" (3,013 entries) and "No" (2,976 entries).
 - **Country** and **Category** exhibit substantial variability, with Egypt being the most frequent country (912 records) and Adventure the most common category (1,037 records).
- **Date**: Entries span a wide time range with multiple entries per day, with the highest frequency being October 7, 2023 (11 records).



Key Findings from Visualizations

1. Distribution of Numerical Variables

- **Visitors:** The distribution is relatively uniform with a slight concentration around the median (approximately 500,000 visitors). Some locations have exceptionally high visitor counts, leading to a long tail.
- **Rating:** The ratings show a near-normal distribution with a slight left skew, centering around 3.0. Few locations achieve the maximum rating of 5.0.
- **Revenue:** Revenue is widely distributed with peaks near the median (~500,000). There is a significant number of low-revenue locations as well as some very high-revenue outliers.

2. Revenue by Category

- The **Cultural** and **Historical** categories show higher median revenue, indicating their popularity or higher revenue potential.
- **Adventure** and **Nature** categories have broader revenue distributions, with several outliers generating extremely high revenue.
- **Shopping** and **Recreational** categories show relatively lower median revenue but are more consistent.

3. Visitors by Country

- **India** and **China** stand out with locations that attract significantly more visitors on average.
- Countries like **Australia** and **Egypt** show lower variability in visitor numbers, indicating consistent tourism patterns.