OBJECTIVES :-

1. Define a custom colour palette.
2. What is the average rent per square foot for each city, and which city has the highest?
3. Visualize the average rent per square foot per city using a bar plot.
4. How does the distribution of rent vary across different cities? Use a violin plot for this.
5. Identify the top 3 most expensive localities in each city based on average rent.
6. Create a heatmap to visualize the relationship between 'BHK', 'Bathroom', and the average 'Rent'.
7. What is the standard deviation of rent for each furnishing status?
8. Analyze the count of different 'Area Type' (e.g., 'Carpet Area') for each city.
9. What is the distribution of rent for 'Bachelors' vs 'Family' tenants?
10. Find the city with the highest variance in rent prices.
11. Create a scatter plot of 'Rent' vs. 'Size', with the hue representing the 'Furnishing Status'.
12. How many unique values are there in the 'Area Locality' column for each city?
13. Visualize the distribution of `BHK` counts for each city using a countplot.
14. Compare the average 'Rent' and 'Size' for each 'Furnishing Status' using a grouped bar chart.
15. What is the distribution of the number of bathrooms in the dataset?
16. For each city, what is the most common `Area Type`?
17. Calculate the interquartile range (IQR) of rent for each city.
18. Find the total number of houses for each `Tenant Preferred` category.
19. Create a pairplot to visualize relationships between numerical features ('Rent', 'Size', 'BHK', 'Bathroom').