

1. Print the distribution of customers across different regions:

- Analyze the number of customers in each region.
 - Identify geographic patterns in the customer base.
 - Focus on regions with the highest or lowest customer numbers.
-

2. Show the calculated region counts:

- Count customers grouped by region using aggregation.
 - Summarize data to highlight dominant or underrepresented regions.
 - Use counts for further regional performance comparisons.
-

3. Set a custom color palette for visualizations:

- Define unique color schemes for clear differentiation in charts.
 - Ensure consistent aesthetics across all visualizations.
 - Enhance readability and engagement with tailored color choices.
-

4. Create visualizations for region-wise customer distribution:

- Use bar or pie charts to represent customer counts by region.
 - Highlight significant regions with color coding.
 - Make the data visually digestible for stakeholders.
-

5. Analyze customer signup trends over time:

- Study the changes in customer signup activity year-over-year.
 - Detect seasonal or periodic trends in signups.
 - Understand how external factors might affect signup behavior.
-

6. Print signup trends by year for further analysis:

- Display the total signups per year in a tabular format.
 - Use this data to assess growth trends across years.
 - Plan marketing strategies based on observed trends.
-

7. Summarize trends in signup activity visually:

- Create line charts or histograms to represent signup trends.
- Include annotations for years with significant growth or decline.
- Provide a snapshot of performance for easy interpretation.