

Data Analysis Report

Generated on 2025-06-24 15:03:15

Dataset Summary

Shape: 1000 rows x 13 columns

Summary Statistics

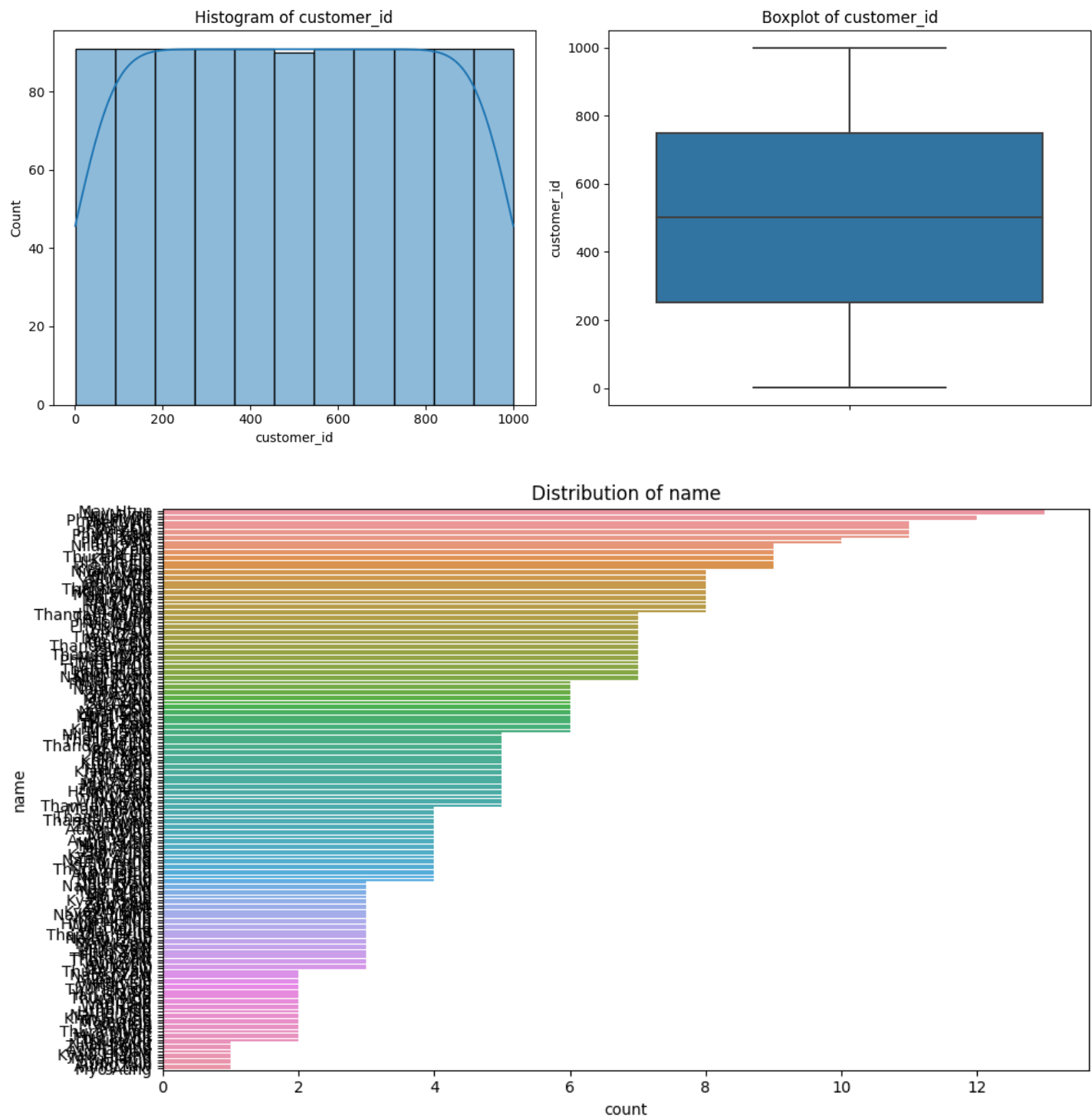
Column	Count	Mean	Std	Min	25%	50%	75%	Max
customer_id	1000.0	500.5	288.8194360957494	100	250.75	500.5	750.25	1000.0
age	1000.0	49.073	18.677647751403963	18	32.0	49.0	66.0	81.0
income	1000.0	2654360.09101	1338737.6587888866	1000	1496116.635	2693236.0250000003	3655.4975	4999890.12
phone	1000.0	959549180546.26265620340	7761545101962230.0	959319934969.5	959544390887.0	959786133057.0	959997895910.0	

Missing Values

Column	Missing Values
customer_id	0
name	0
gender	0
date_of_birth	0
age	0
marital_status	0
education_level	0
occupation	0
income	0
region	0
join_date	0

email	0
phone	0

Data Visualizations

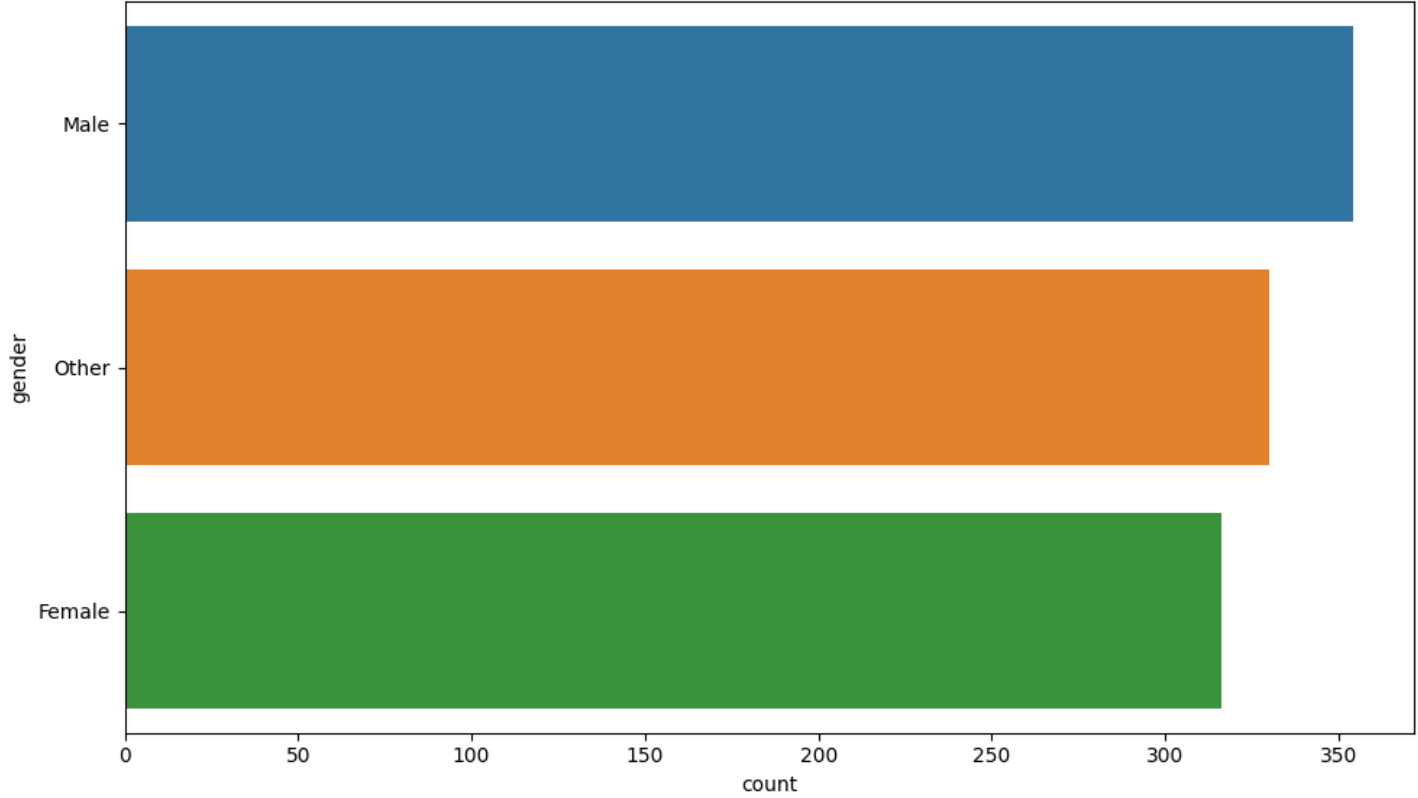


Distribution of name

This horizontal bar chart shows the frequency of names. The x-axis represents the count from 0 to 12, and the y-axis lists names. The bars are colored in a gradient from red to purple. The names are sorted by frequency, with the most common names at the top.

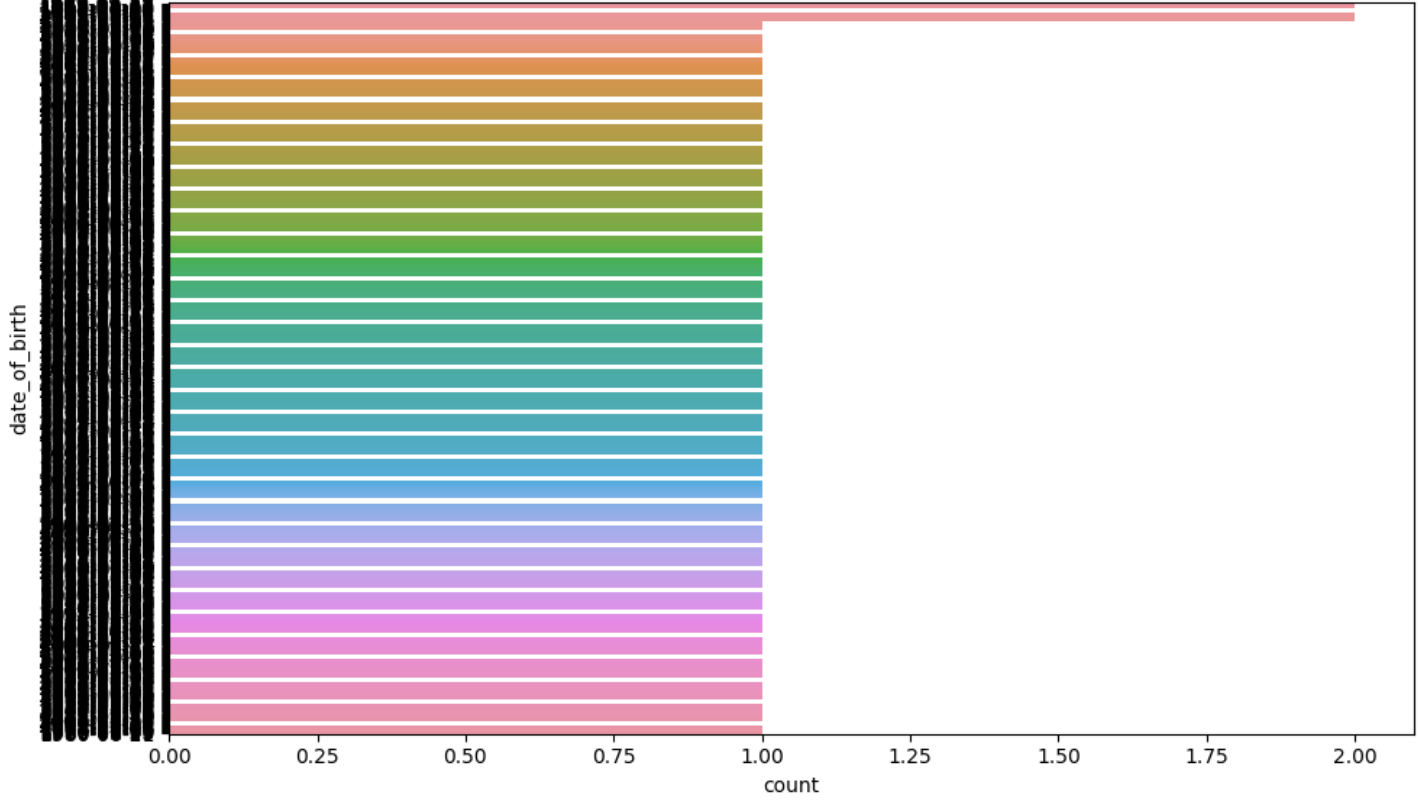
A horizontal bar chart with three bars. The x-axis is labeled 'count' and ranges from 0 to 350 with major ticks every 50 units. The y-axis has three categories: 'no' (blue bar), 'yes' (orange bar), and 'maybe' (green bar). The 'no' bar extends to approximately 355, the 'yes' bar to approximately 330, and the 'maybe' bar to approximately 315.

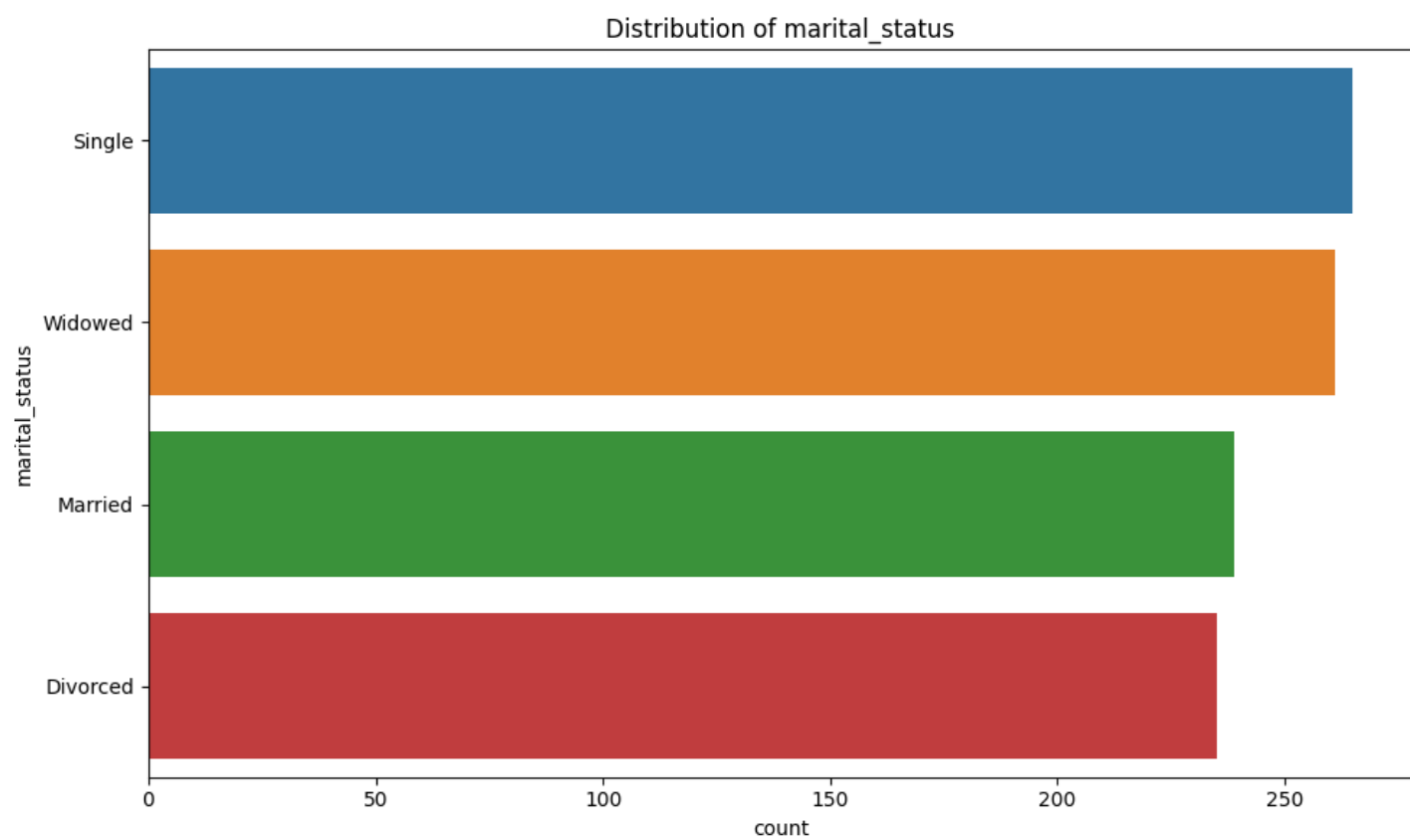
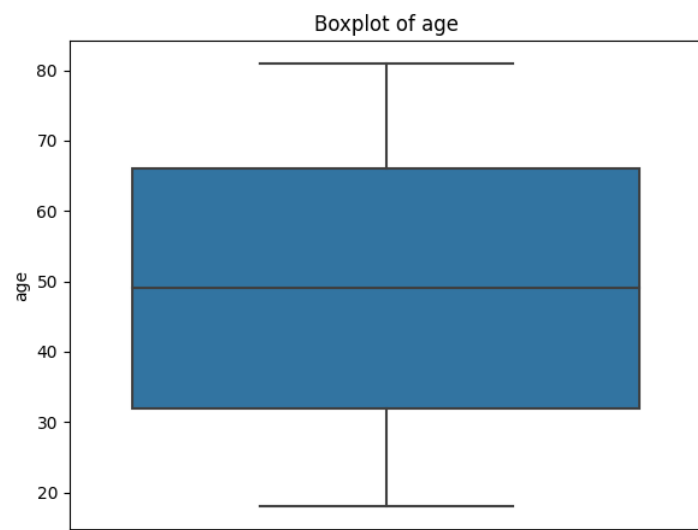
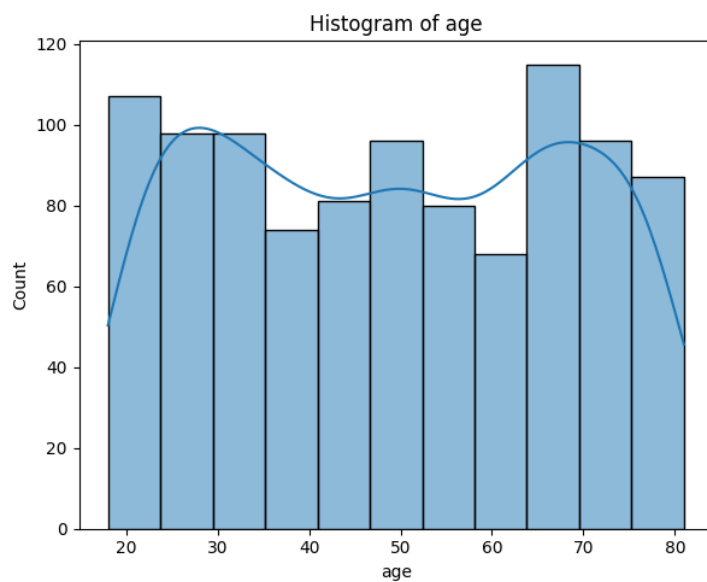
Category	Count
no	355
yes	330
maybe	315



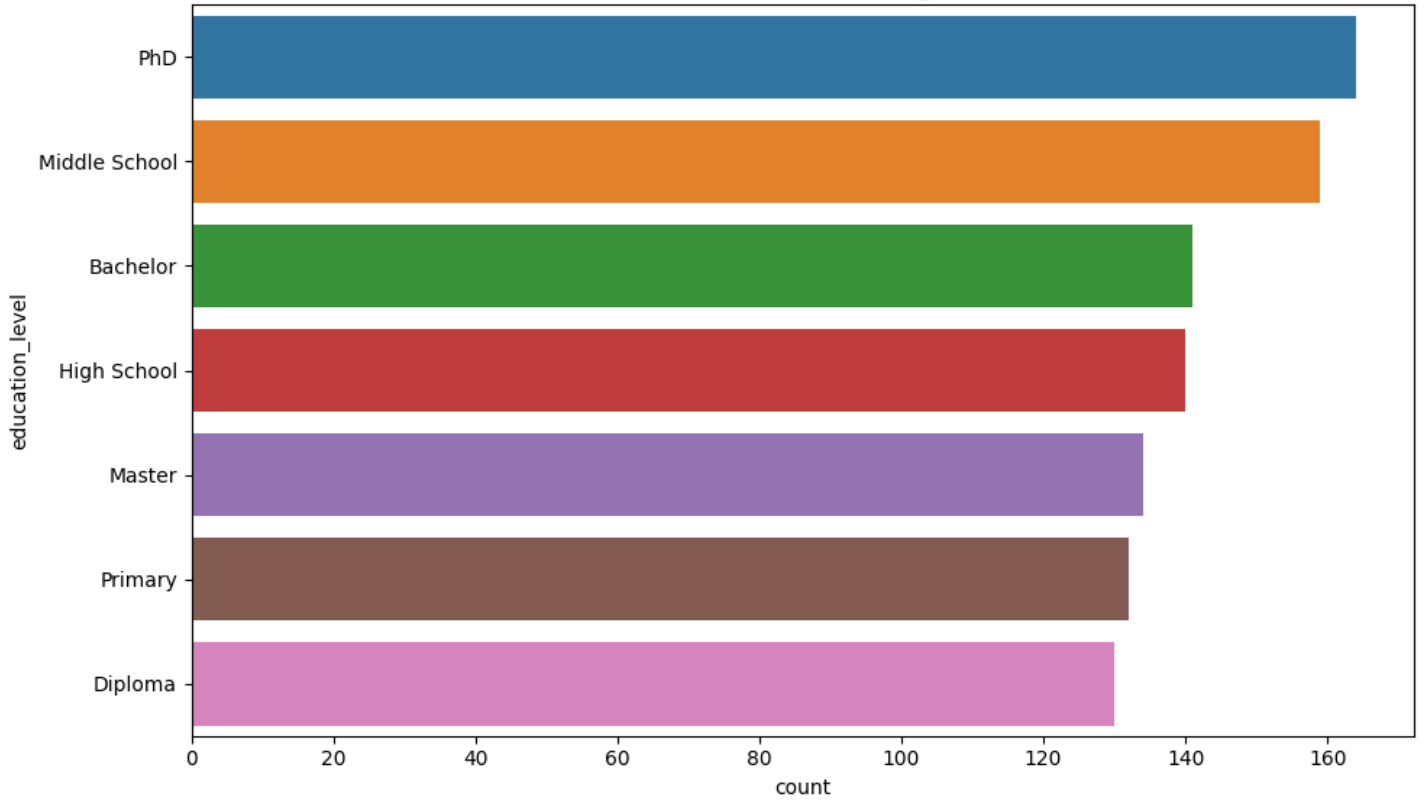
A horizontal bar chart showing the count of categories. The x-axis is labeled 'count' and ranges from 0.00 to 2.00. The y-axis lists 30 categories, each represented by a horizontal bar of a different color. The bars are ordered by count, with the top bar (red) having a count of 2.00 and the bottom bar (pink) having a count of 1.00. All other bars have a count of 1.00.

Category	Count
Red	2.00
Orange	1.00
Yellow	1.00
Light Green	1.00
Green	1.00
Dark Green	1.00
Teal	1.00
Blue	1.00
Light Blue	1.00
Purple	1.00
Pink	1.00
Light Pink	1.00
Dark Pink	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
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Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
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Light Purple	1.00
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Light Orange	1.00
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Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00
Light Green	1.00
Light Yellow	1.00
Light Orange	1.00
Light Red	1.00
Light Purple	1.00
Light Blue	1.00

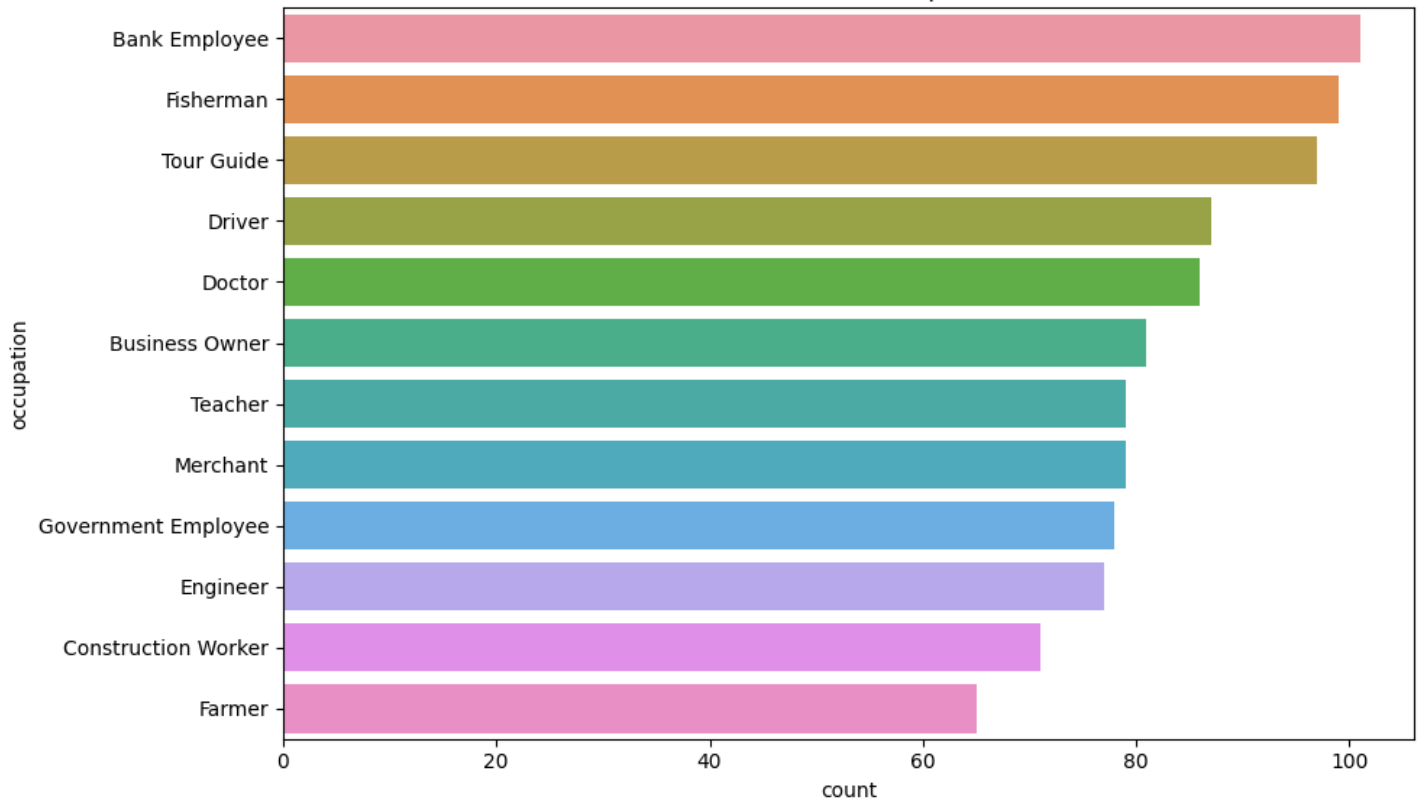


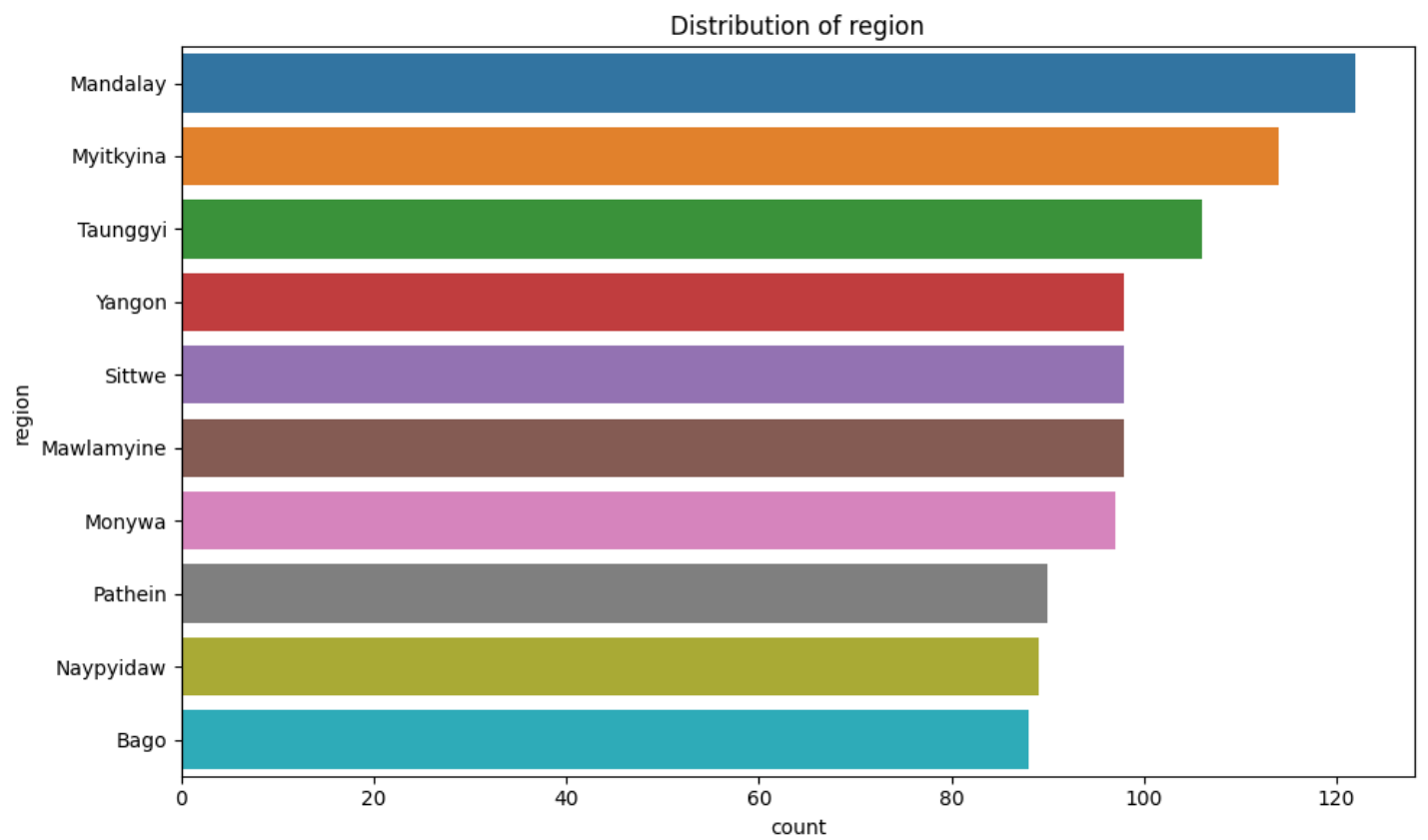
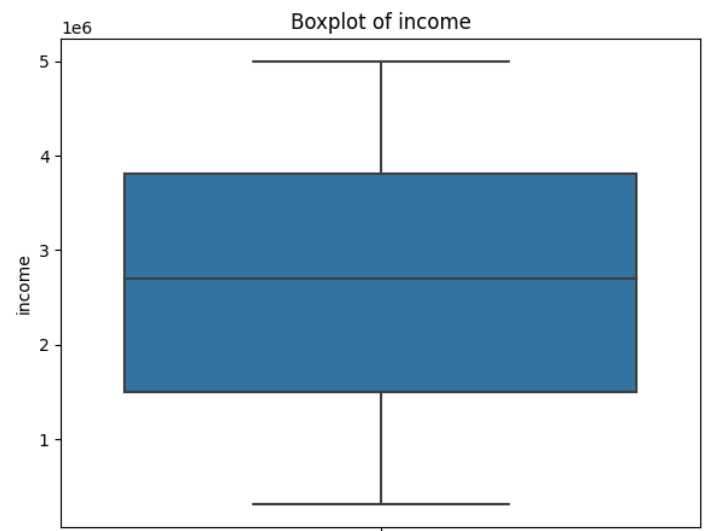
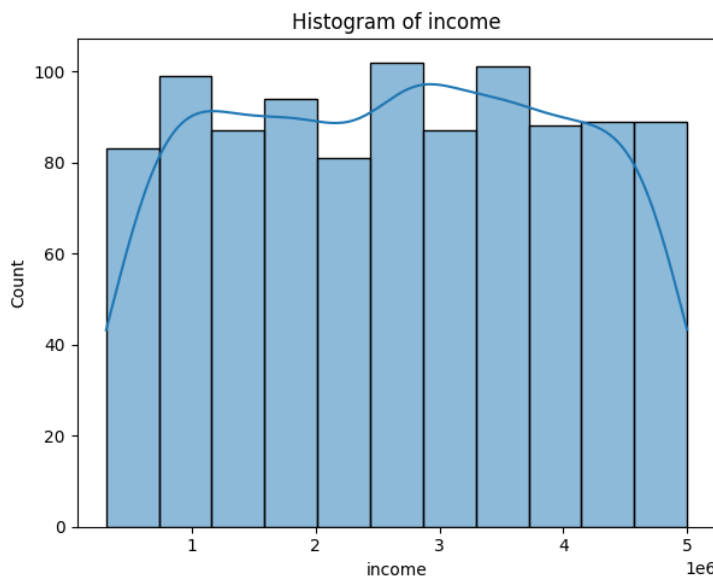


Distribution of education_level

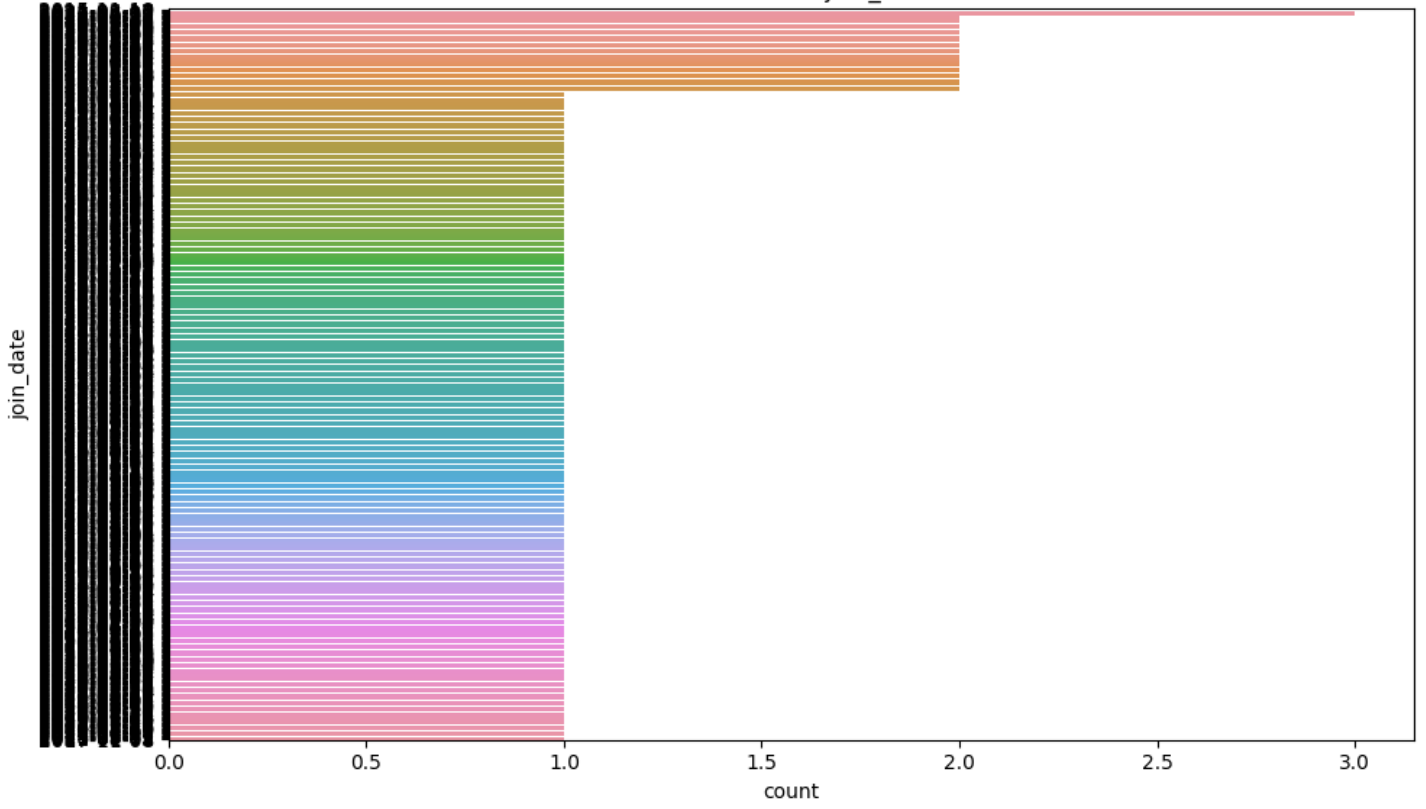


Distribution of occupation





Distribution of join_date



Distribution of email

