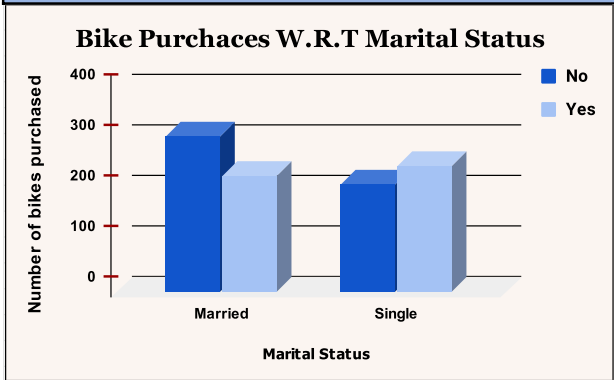


BIKE PURCHASE TRENDS DASHBOARD

Bike Purchases W.R.T Marital Status

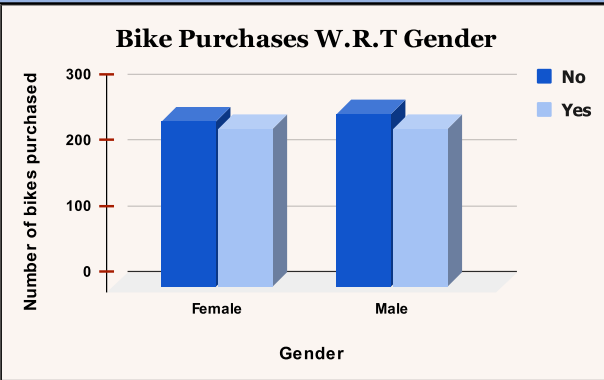
This bar chart displays the number of bikes purchased, categorized by marital status (Married and Single) and insurance status (No and Yes). The y-axis represents the 'Number of bikes purchased' from 0 to 400. The x-axis represents the 'Marital Status'. For Married individuals, the 'No' bar is at 300 and the 'Yes' bar is at 220. For Single individuals, the 'No' bar is at 200 and the 'Yes' bar is at 240.

Marital Status	No	Yes
Married	300	220
Single	200	240



The bar chart displays the number of bikes purchased for two categories: 'No' (dark blue) and 'Yes' (light blue), grouped by gender. The y-axis represents the 'Number of bikes purchased' from 0 to 300. For females, the 'No' count is approximately 240 and the 'Yes' count is approximately 230. For males, the 'No' count is approximately 260 and the 'Yes' count is approximately 235.

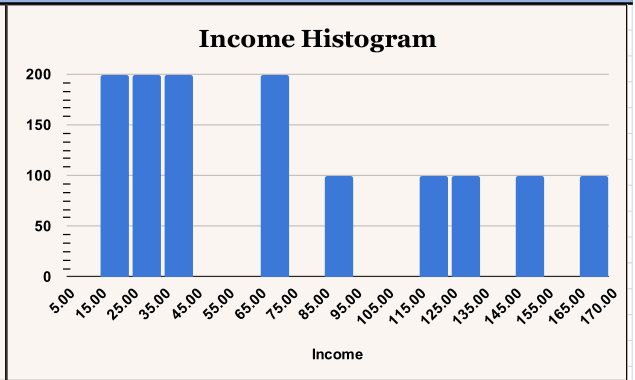
Gender	No	Yes
Female	240	230
Male	260	235



Income Histogram

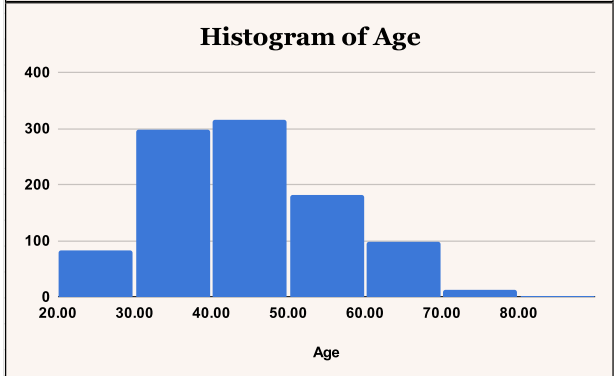
This histogram displays the frequency of income levels. The x-axis represents income ranges, and the y-axis represents the frequency count.

Income Range	Frequency
15.00 - 25.00	200
25.00 - 35.00	200
35.00 - 45.00	200
65.00 - 75.00	200
85.00 - 95.00	100
115.00 - 125.00	100
125.00 - 135.00	100
145.00 - 155.00	100
165.00 - 175.00	100



A histogram titled "Histogram of Age" showing the frequency distribution of age groups. The x-axis is labeled "Age" and ranges from 20.00 to 80.00 with major ticks every 10.00 units. The y-axis represents frequency, ranging from 0 to 400 with major ticks every 100 units. The histogram consists of blue bars representing the frequency of individuals in each age bin. The distribution is unimodal and slightly right-skewed, with the highest frequency occurring in the 40-50 age range.

Age Range	Frequency
20.00 - 30.00	80
30.00 - 40.00	300
40.00 - 50.00	320
50.00 - 60.00	180
60.00 - 70.00	100
70.00 - 80.00	20

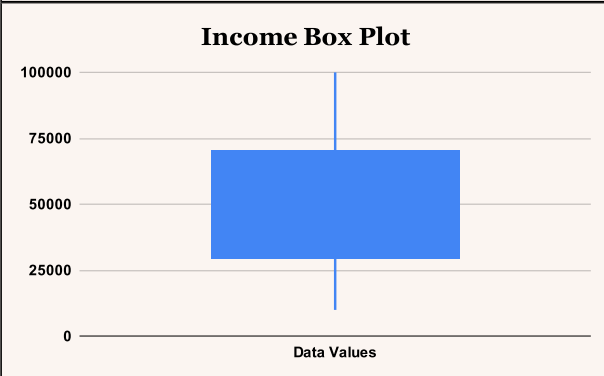


Income Box Plot

A box plot showing the distribution of income values. The y-axis is labeled from 0 to 100,000 in increments of 25,000. The box plot is blue. The median is at approximately 40,000. The interquartile range (IQR) is from approximately 28,000 to 72,000. The whiskers extend from approximately 10,000 to 100,000.

Statistic	Value (Approximate)
Minimum	10,000
First Quartile (Q1)	28,000
Median	40,000
Third Quartile (Q3)	72,000
Maximum	100,000

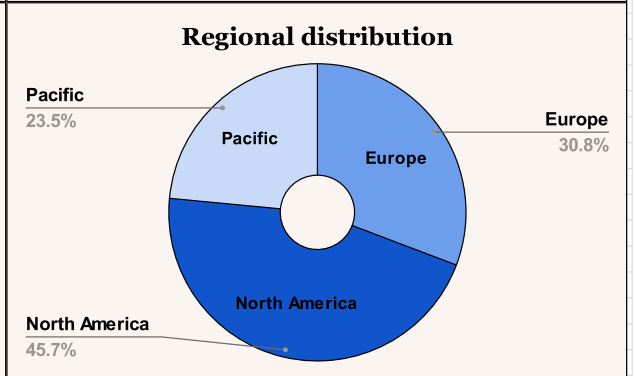
Data Values



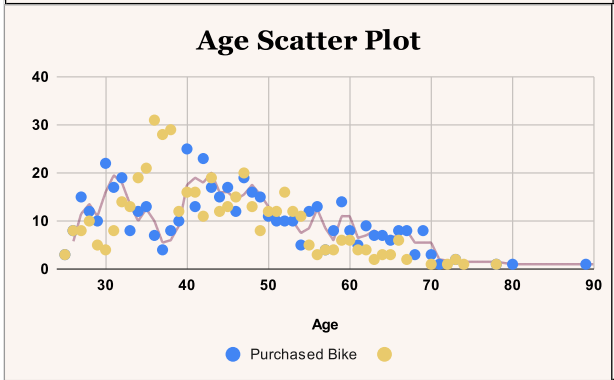
Regional distribution

A donut chart titled 'Regional distribution' showing the percentage of respondents by region. The chart is divided into three segments: North America (dark blue, 45.7%), Europe (medium blue, 30.8%), and Pacific (light blue, 23.5%). Each segment is labeled with its region name and percentage, with lines connecting the labels to the corresponding segments.

Region	Percentage
North America	45.7%
Europe	30.8%
Pacific	23.5%

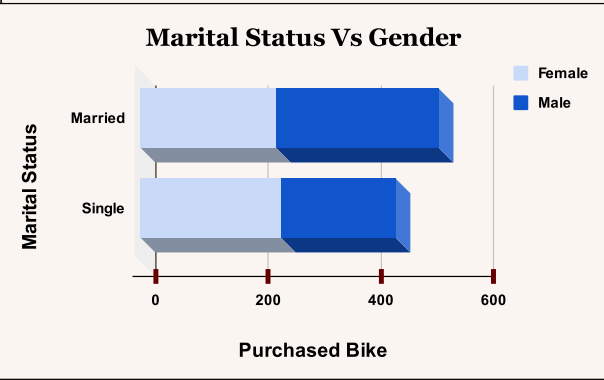


The scatter plot displays the relationship between Age (X-axis, 0 to 90) and the status of whether a bike was purchased (Y-axis, 0 to 40). The legend indicates that blue dots represent 'Purchased Bike' and yellow dots represent 'Not Purchased Bike'. The plot shows that the 'Purchased Bike' group has a higher average age (around 60) compared to the 'Not Purchased Bike' group (around 40). The smoothed trend lines show that the probability of purchasing a bike increases with age, peaking around age 60 and then slightly declining.



Marital Status Vs Gender

Marital Status	Female	Male
Married	210	300
Single	220	210

[illegible]