# **BIKE PURCHASE ANALYSIS**

The data gotten from <https://github.com/AlexTheAnalyst/Excel-Tutorial/blob/main/Excel%20Project%20Dataset.xlsx> was analysed using the Excel tool.

The data showed the attributes of people that may or may not have purchase bikes in the following 3 regions, Europe, North America and Pacific. It also gives information about their annual income, relationship status, gender, occupation, and Age.

This information was used in generating a chart showing a pictural summary of these data.



From the Visual representation of the data above, the average income of males that purchased the bikes were higher than females.

The middle aged grouped between 31 and 54 years were more interested in buying the bike, with 383 middle aged people choosing to buy the bike. The older adults aged 54 and above were the next group of bike users with 59 people buying the bike. This was followed by adolescents that are less than 31 years old. Only 39 adolescents bought the bike.

Generally, the data shows that adults with less commute distance of 0-1 miles had the highest purchase of bikes. They were closely followed by adults with commute distances of 2-5 miles, then 1-2 miles, and then 5-10 miles. Adults with commute distances of more than 10 miles were the lowest purchasers of bikes. Although there was an exception in North America, where adults with commute distances between 2-5 miles were the highest purchases of bikes. Up to 70 people bought it. In Europe, married adults with commute distances of more than 10 miles were the only ones who purchased bikes.