### **Bike Buyers Dataset (Google Sheets Dashboard)**

This dataset has details of 1000 users from different backgrounds and whether or not they buy a bike. This data can be used to build the dashboard in Google Sheets. There are some NA (Null / Empty) values injected in the dataset. Use this dataset for Data Cleaning, Exploration, and Visualization.

**Columns -**

* ID
* Marital Status
* Gender
* Income
* Children
* Education
* Occupation
* Home Owner
* Cars
* Commute Distance
* Region
* Age
* Purchased Bike

You are a data analyst and your job is to help the business stakeholders to make better decisions. You have to explore the dataset, perform the pre-processing, or any data manipulation that is required.   
  
To solve this problem we need to build a dashboard in Google Sheets.

**1. Bar Chart (Marital Status):**

Question: How does the count of bike purchases vary among different marital statuses? Are married individuals more likely to purchase bikes?

**2. Bar Chart (Gender):**

Question: Build a bar graph to compare the count of male and female customers. Does gender influence bike purchases, and if so, to what extent?

**3. Histogram (Income):**

Question: What is the distribution of income among bike buyers? Are there specific income brackets that show a higher likelihood of bike purchases?

**4. Histogram (Age):**

Question: Create a histogram to understand the age distribution of bike buyers. Are certain age groups more inclined to purchase bikes?

**5. Box Plot (Income):**

Question: Identify outliers in the income distribution of bike buyers. Are there any extreme income values, and how might they impact purchasing behavior?

**6. Pie Chart (Region):**

Question: Represent the distribution of bike purchases by region using a pie chart. Are there regions where bike purchases are notably higher?

**7. Scatter Plot (Income vs. Age):**

Question: Create a scatter plot to investigate the relationship between income and age. Do individuals with higher incomes tend to be in specific age groups?

**8. Stacked Bar Chart (Marital Status & Gender):**

Question: How does the distribution of bike purchases differ when considering both marital status and gender simultaneously? Are there notable patterns?