**Assignment 3: Titanic Data**

**Topics:**

* Renaming columns
* Replacing rows with blank values
* Filtering rows based on conditions
* Splitting columns

**Tasks:**

1. Load the data:
   * Click Get Data
   * Type “web” in the search box
   * “Web” data source will appear in the **All** data source list. Select “Web” and click the “connect” button
   * In the URL field, enter the following URL link:

<https://raw.githubusercontent.com/datasciencedojo/datasets/master/titanic.csv>

* + Click the “Load” button to load the Titanic data set

1. Rename columns:
   * **Pclass** column to **Ticket Class**
   * **Sibsp** column to **Number Siblings/Spouses**
   * **Parch** column to **Number Parents/Children**
2. Replace blank values:
   * Replace blank rows under the **Cabin** column to “Null”
   * Replace blank rows under the **Age** column to “Null”
3. Filter rows based on conditions for the following columns:
   * **Fare:** Only keep the rows where the Fare column has values either greater than 40 or less than 10 (use the “Number Filter” button)
   * **Sex:** Only keep the records of the Female passengers
4. Split the **Name** column by delimiter (comma) into **First** and **Last Name** columns