

Storytelling Through **Data Visualization**

CREATE DATA PROFILES USING EXCEL

User Manual

DATA PROFILES

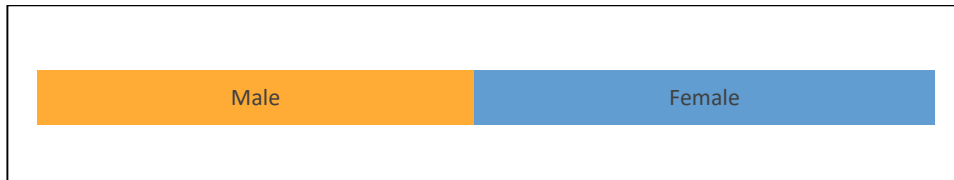
Use the data shown below to create a dynamic data profile. The profile should include an infographic to represent male and female data by figures. The data profile should have a drop down list to select the nationality and should show the respective data in the infographics.

Total number of employees in waste companies by sex and nationality

Nationality	Male	Female
Bhutanese	94	99
Non-Bhutanese	35	26

Follow the steps below to create the data profile:

- **Step 1** – Copy the data shown in the table into an Excel sheet.
- **Step 2** – Create the stack bar chart (as explained in the previous session).



- **Step 3** – Select **Data > Data Validation > Allow > List** to create a dropdown list. Select the list of regions in as **Source** to the drop down list.
- **Step 4** – Use vlookup function to fetch data for the chart.
 - Select an empty cell.
 - Select 'Function' (Fx) > VLOOKUP and enter parameters to fetch data in the empty cell.
- **Step 5** – Click on the already created stack chart, select data and change the data range to the new empty cells.