# Module 2: Data Connection With Tableau Desktop

## Demo Document III
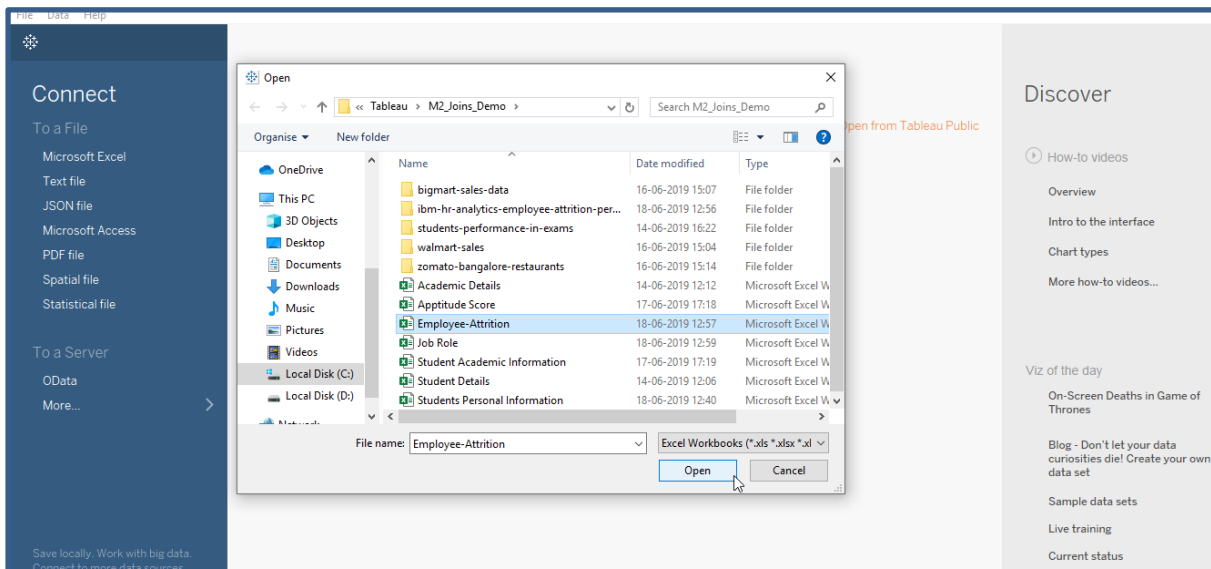
**edureka!**

# Demo III

Using the "Employee Attrition Dataset", create a tableau report for:

      a.  Employee Attrition based on job role and distance from home

      b.  Comparison of average monthly income by education and attrition
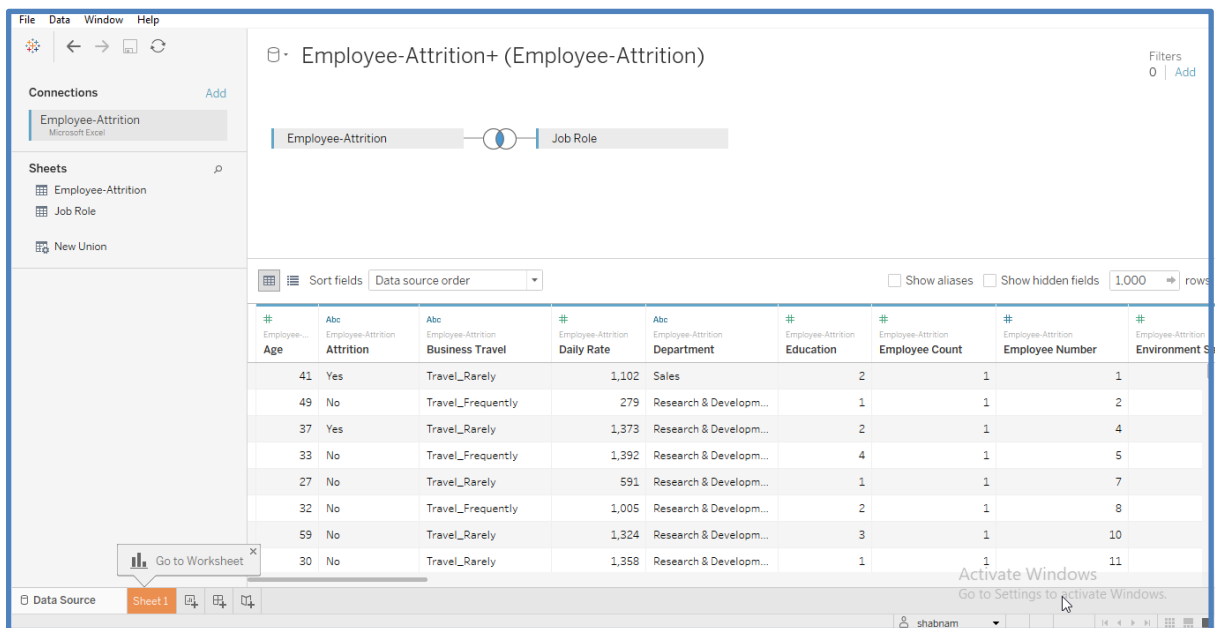
# Demo III - Solution

## a) Employee Attrition based on Job role and distance from home

**Step 1:** Click on "Microsoft Excel" → Select "Employee Attrition data source"→ Open



**Step 2:** Drag and drop both the sheets that is "Employee Attrition and Job Role" sheet on flow pane
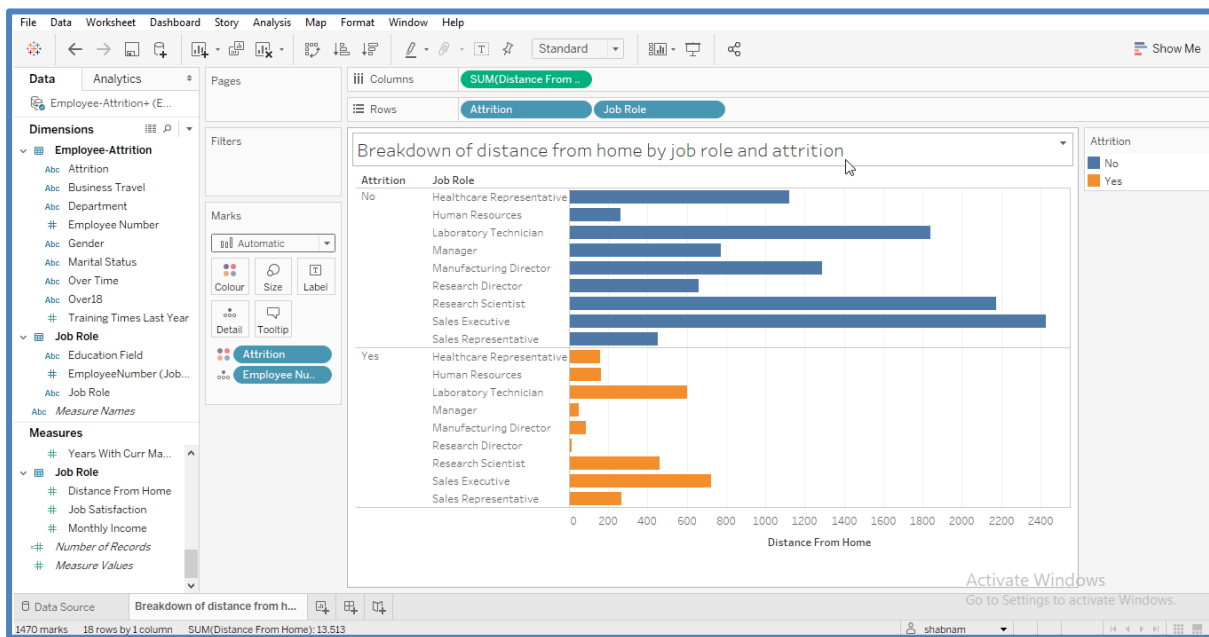
**Step 3:** Click on Sheet



**Step 4:** Go to the Sheet and rename it to "Breakdown of distance from home by Job role and Attrition".

**Step 5:** Drag and drop the required fields from dimensions and measures to column and row shelf:

1) Distance from home to Column shelf
2) Job roles and Attrition to Rows shelf
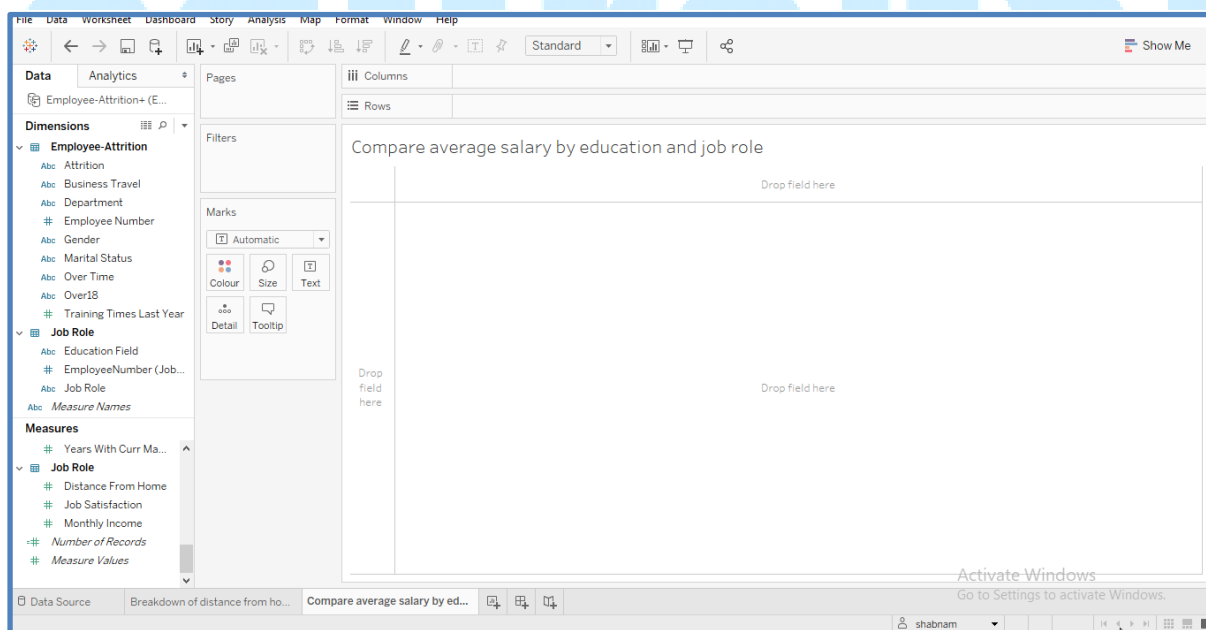3) Attrition to color card and Employee Number to details card (for faster insights)

The below shown bar chart shows the "distance from house V/s job role and attrition.

b) **Compare average monthly income based on Employees' education and their attrition**
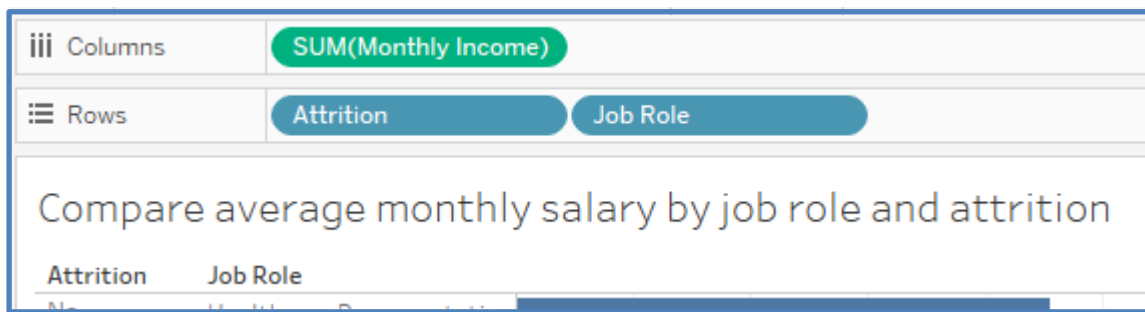
**Step 1:** Click on new worksheet [icon] to go to new sheet, and rename it as "Compare average monthly income by education and attrition"



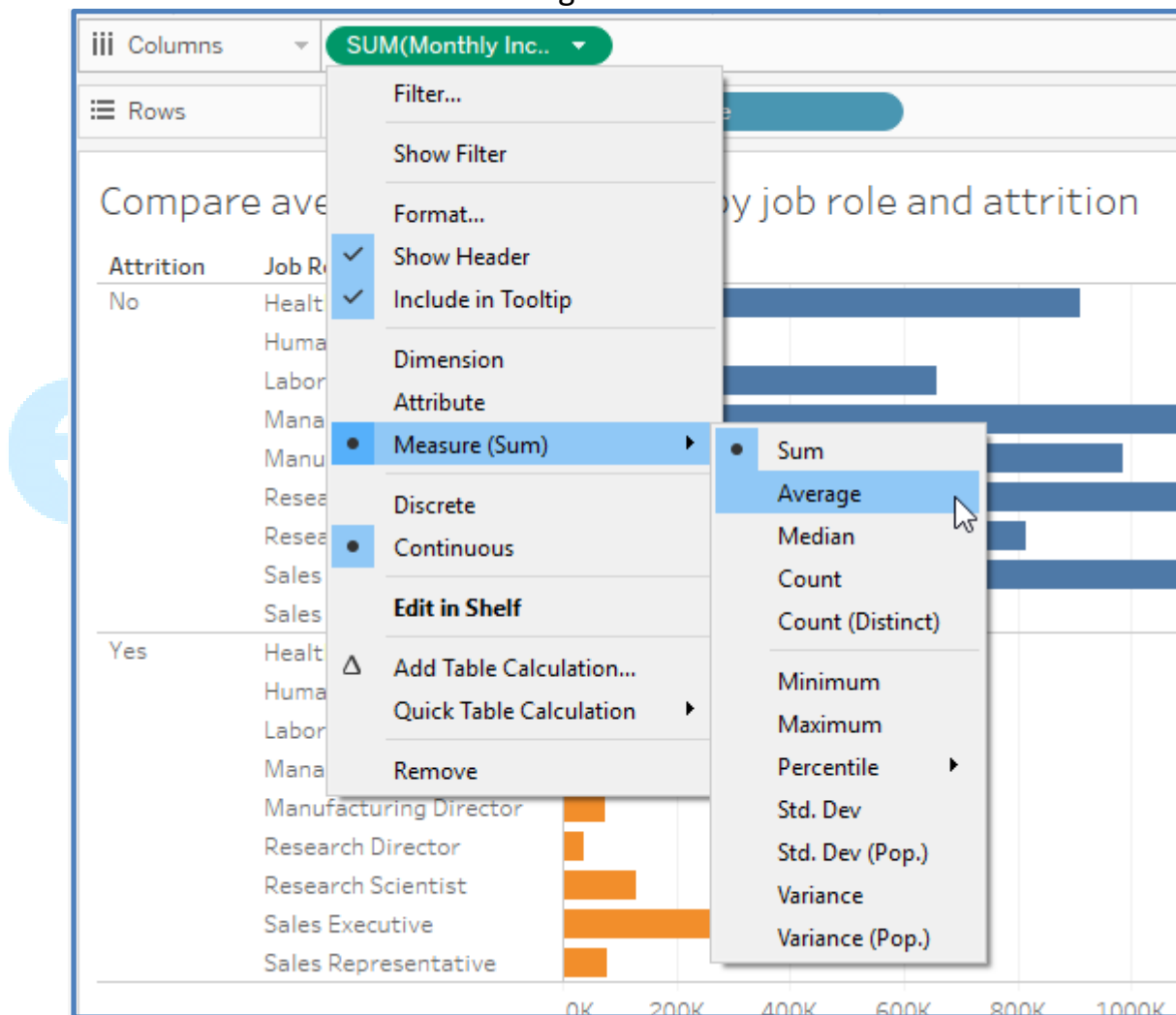**Step 2:** Drag and drop the required field in rows and column shelves.

1) Attrition and Job role to row shelf
2) Monthly salary to Column shelf.
   Initially, we have monthly salary as Sum (Monthly Income)
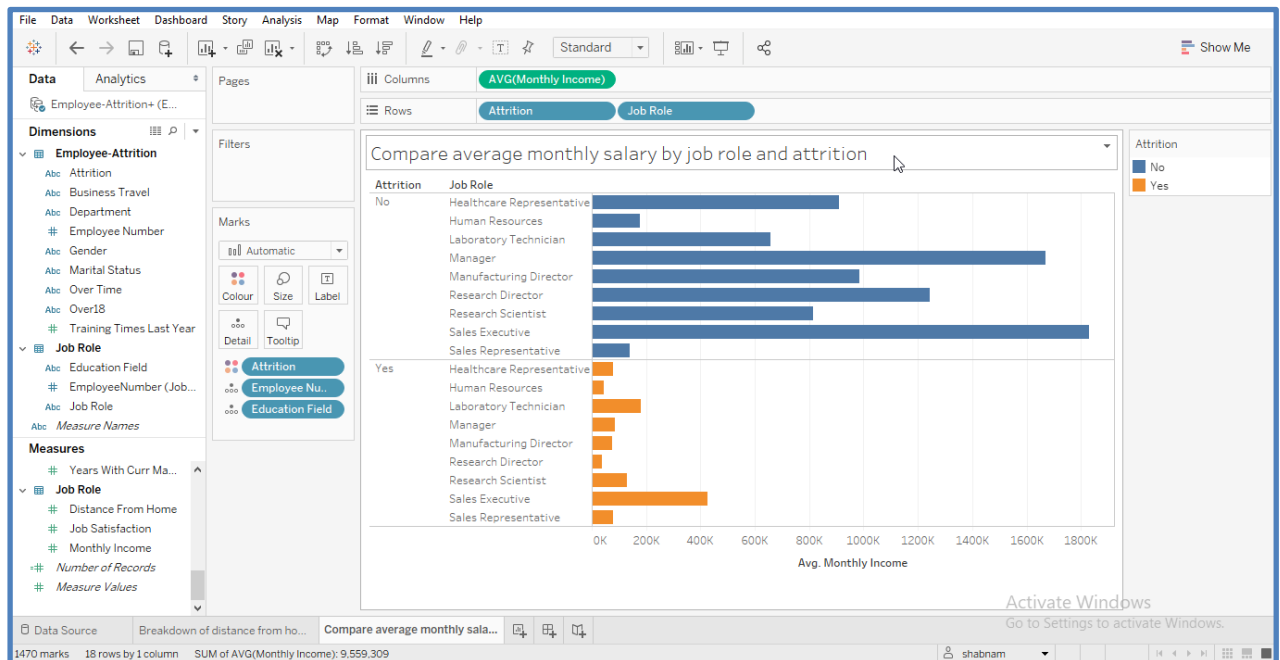
**Step 3:** To visualize average monthly income:

> ➢ Click on Drop down
> ➢ Select Measures and Average



**Step 4:** Employee Number and Education field to "Marks Card" → "Details"
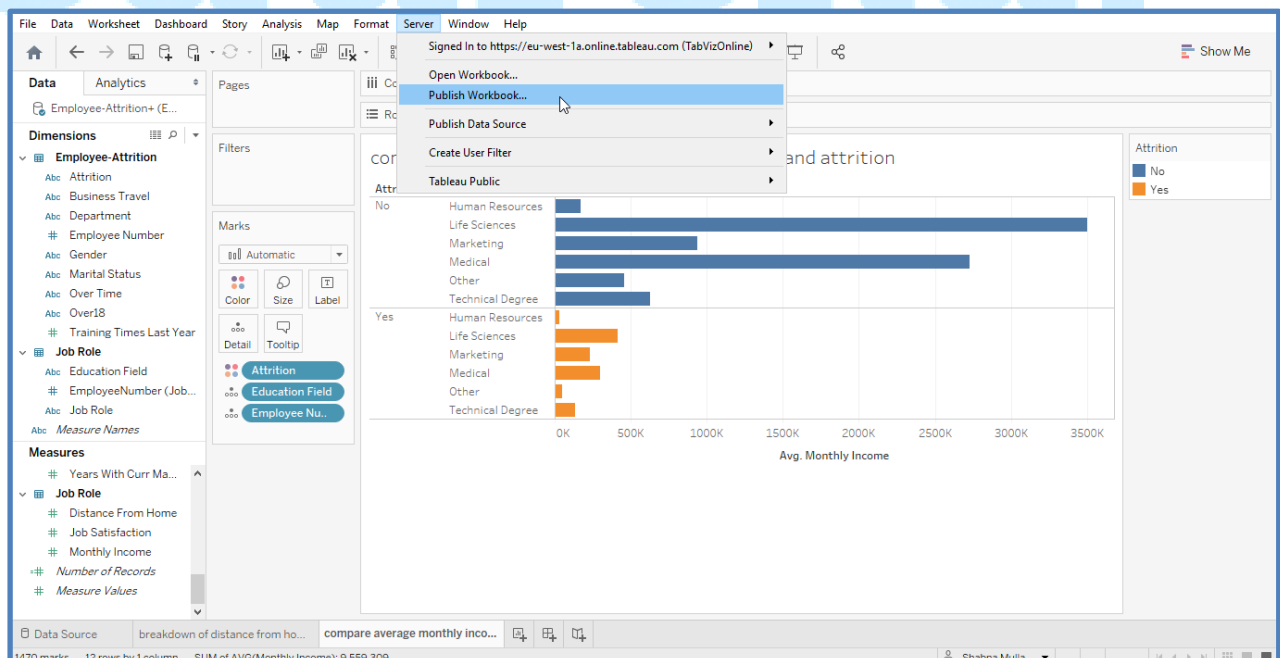
**Step 5:** Attrition to "Marks Card" → "Color card"

We have a bar chart through which we can visualize the comparison in average monthly income V/s attrition and job role.
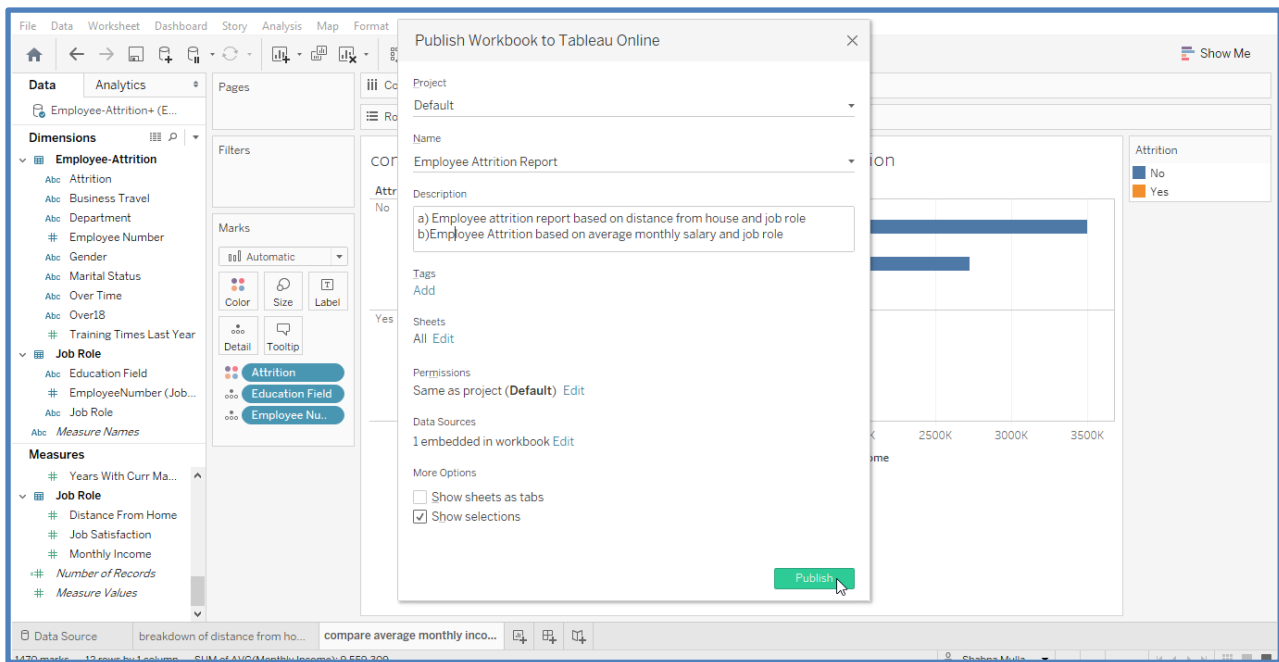


**Step 6:** To publish our workbook on the Tableau Server or Tableau online

> ➢ Click on Server → Publish workbook → Enter Credentials



> ➢ Enter your credentials and get connected to the Tableau Server or Tableau Online, fill required details and click on publish.

Once your visualization is published, it can be shared with your organization environment by specifying authorization details.