






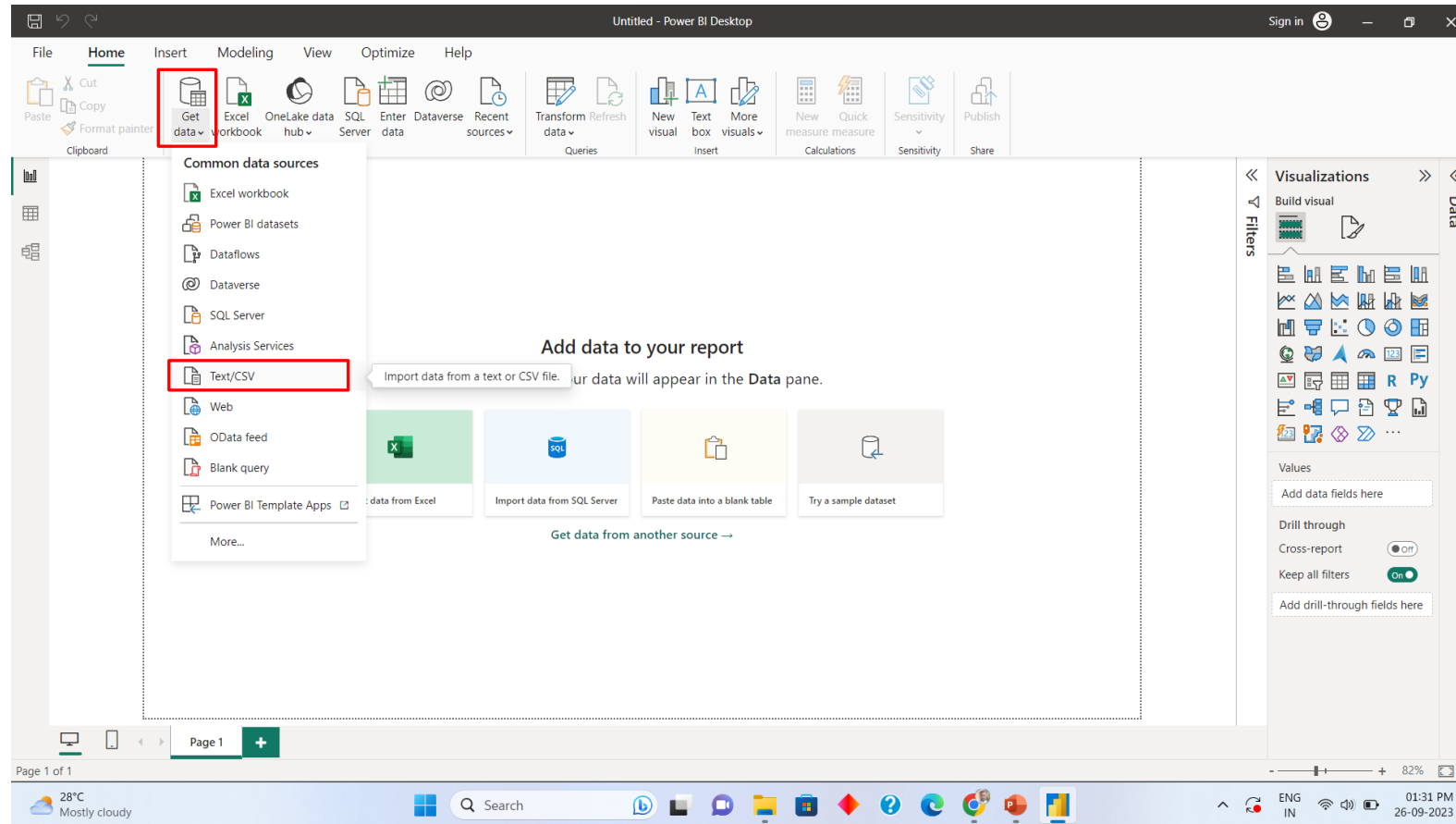
Power BI Introduction

UTKARSH GAIKWAD

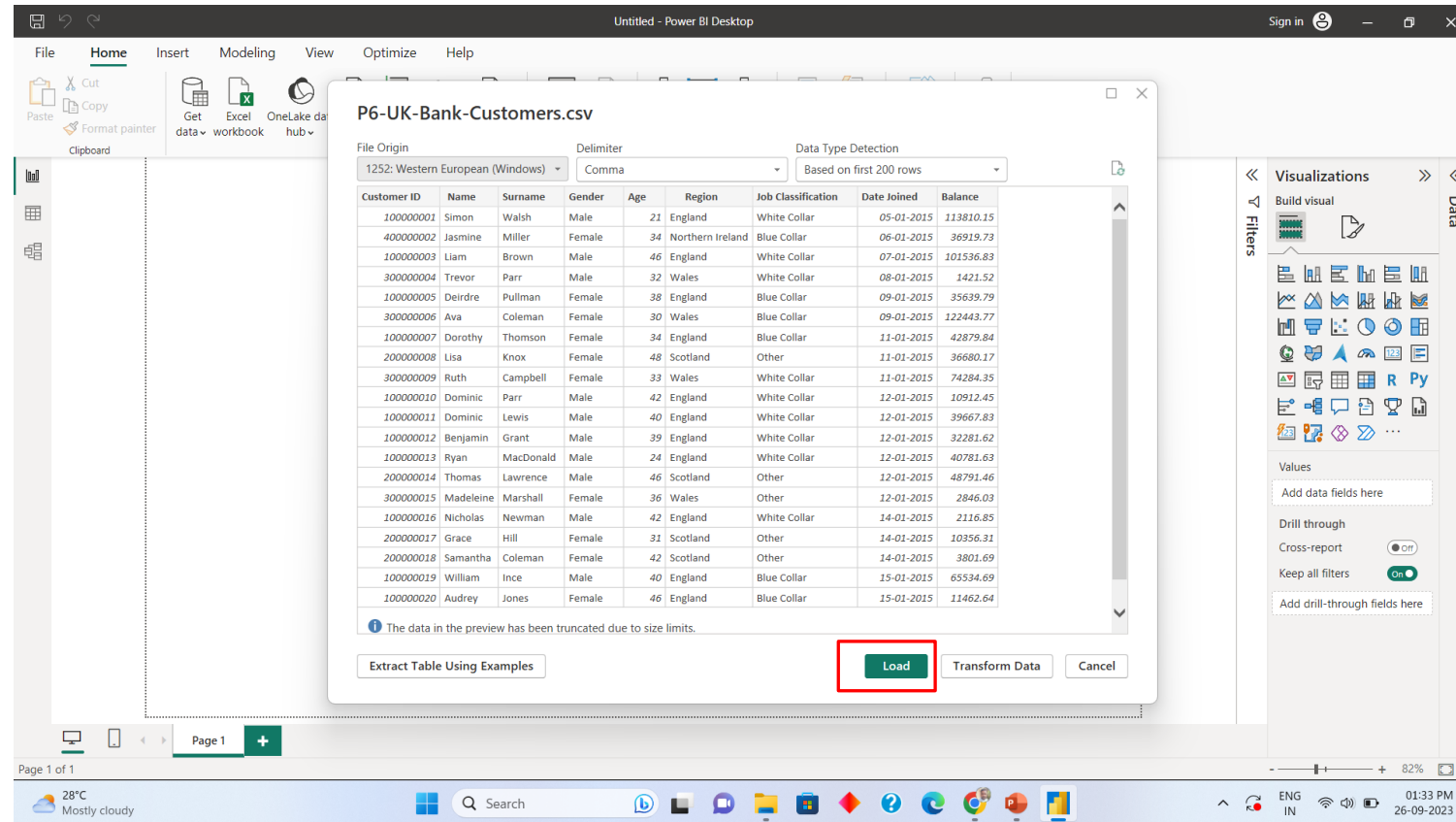
Power BI vs Tableau Differences

	TABLEAU	OR	POWER BI
 Visualizations	Mobile friendly dashboards with perfect ability to integrate infinite amount of datapoints in analysis		Excel like UI, limited data points in visualizations, row size limitation
 Data Sources	Ability to connect to numerous database sources and servers, compatible with Azure, AWS		Limited ability to connect to all types of data sources, compatible with Azure
 Data Handling	Robust BI tool, handles millions of rows of data, no impact on the performance of the dashboards		Better for smaller data sets, time-outs and slow performance for larger datasets
 Analytics	Wide range of analytics capabilities suitable for users of all skill groups		Highly technical nature of the data models, needs strong understanding of data modeling concepts
 Machine Learning	In-built machine-learning algorithms, recent addition of speech analytics tool		Pre-built machine-learning systems with the recent Azure Cognitive Services

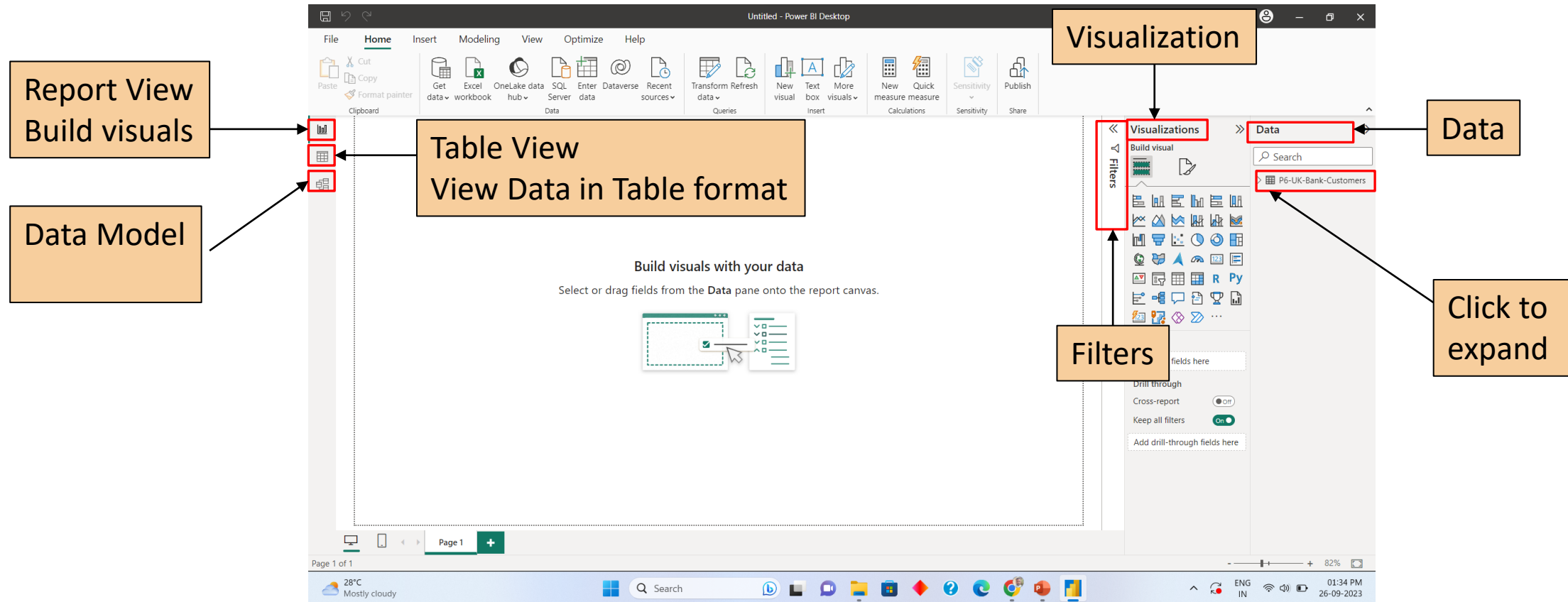
Power BI Loading a csv file



Press Load after opening dataset



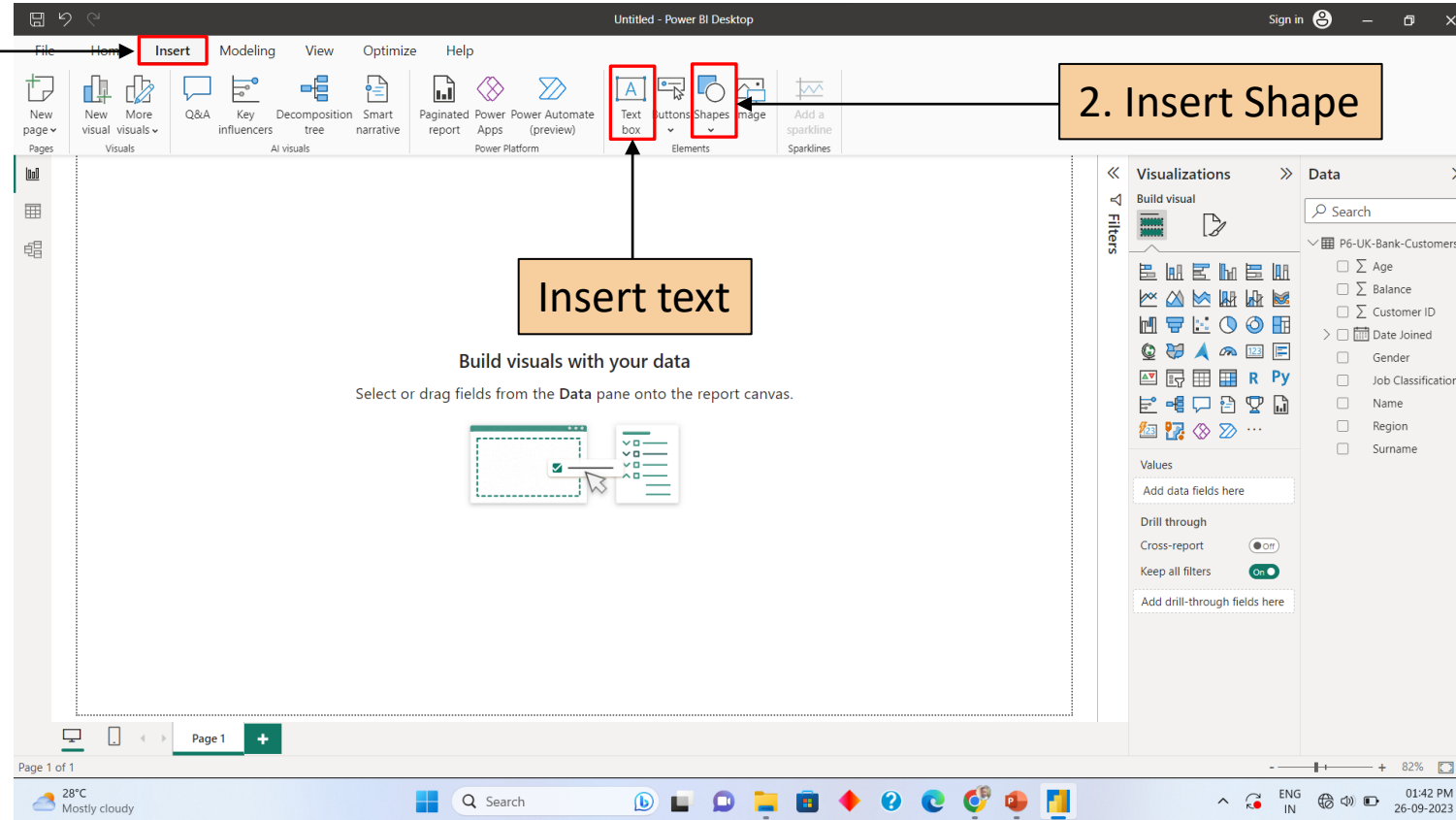
Power BI Interface



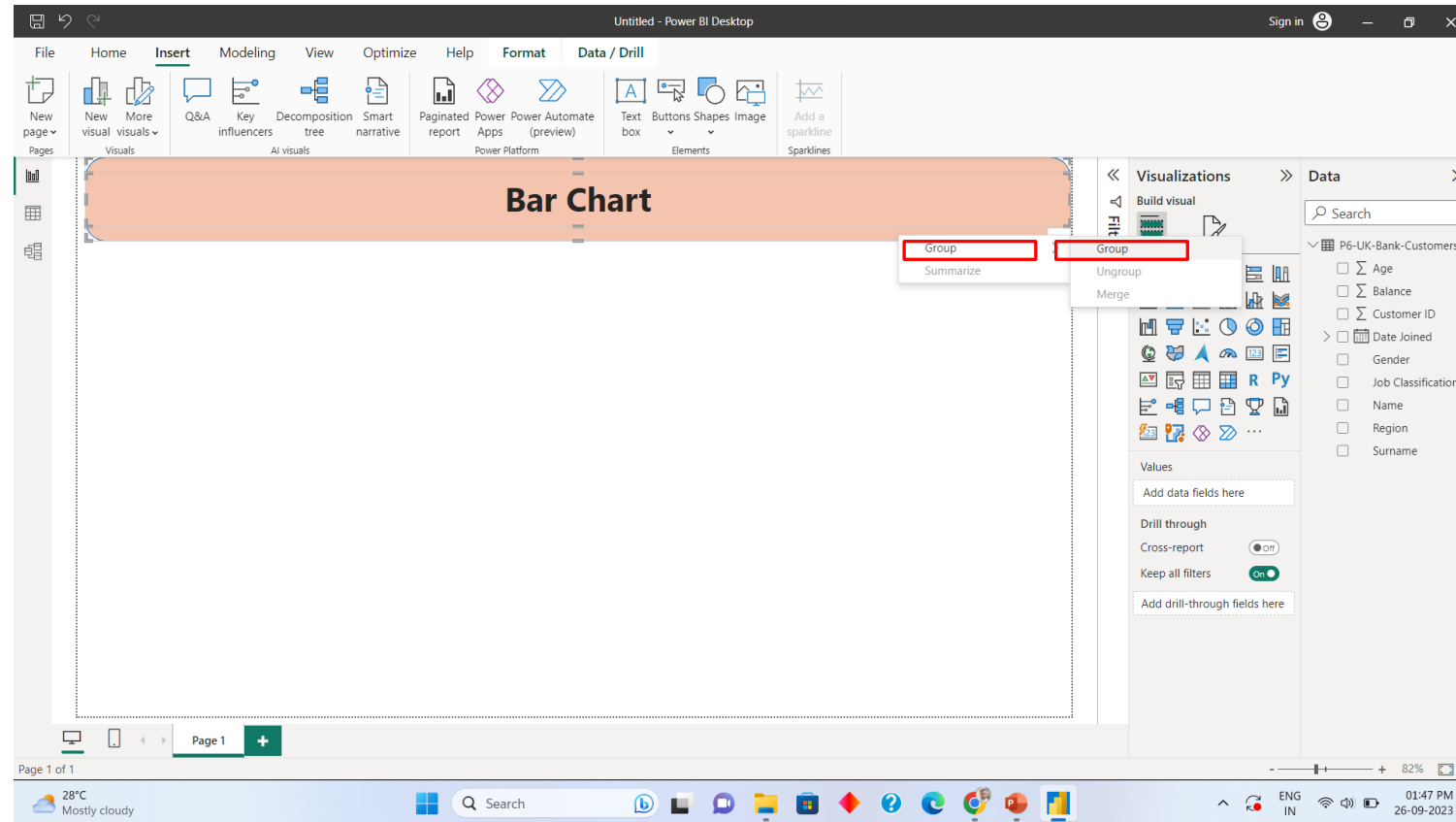
Custom visuals

Adding shape and text on top

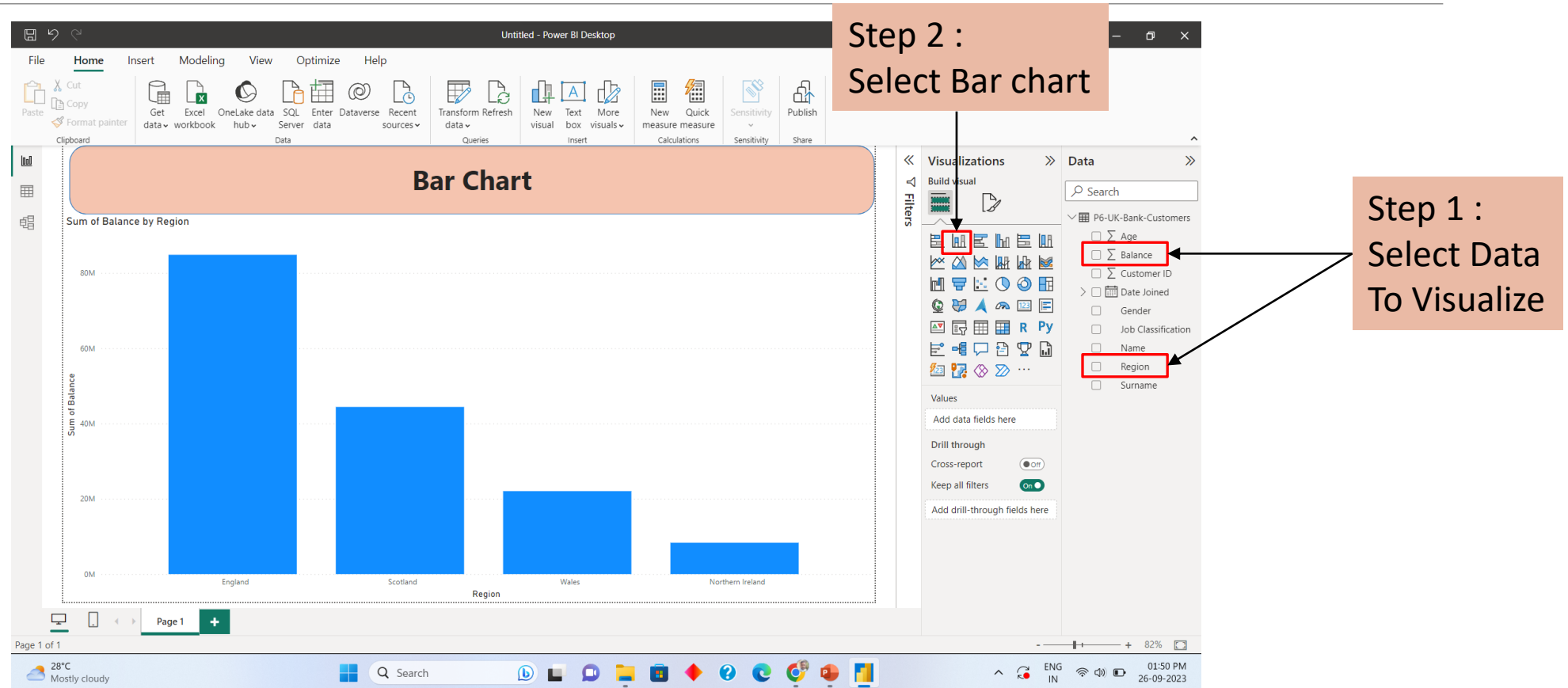
1. Click Insert



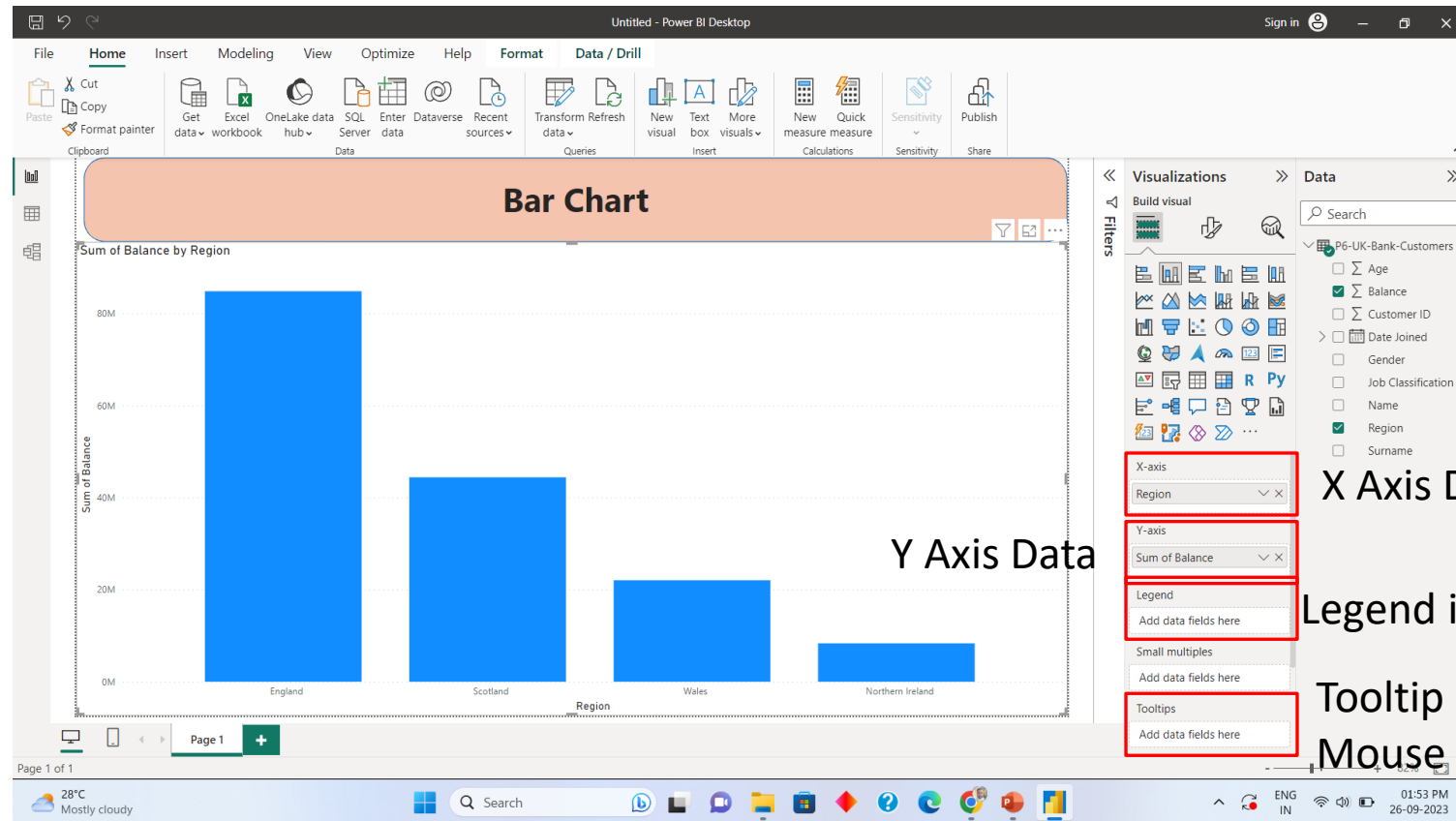
Grouping the shape and text



Bar Chart in Tableau



Build Visual Details



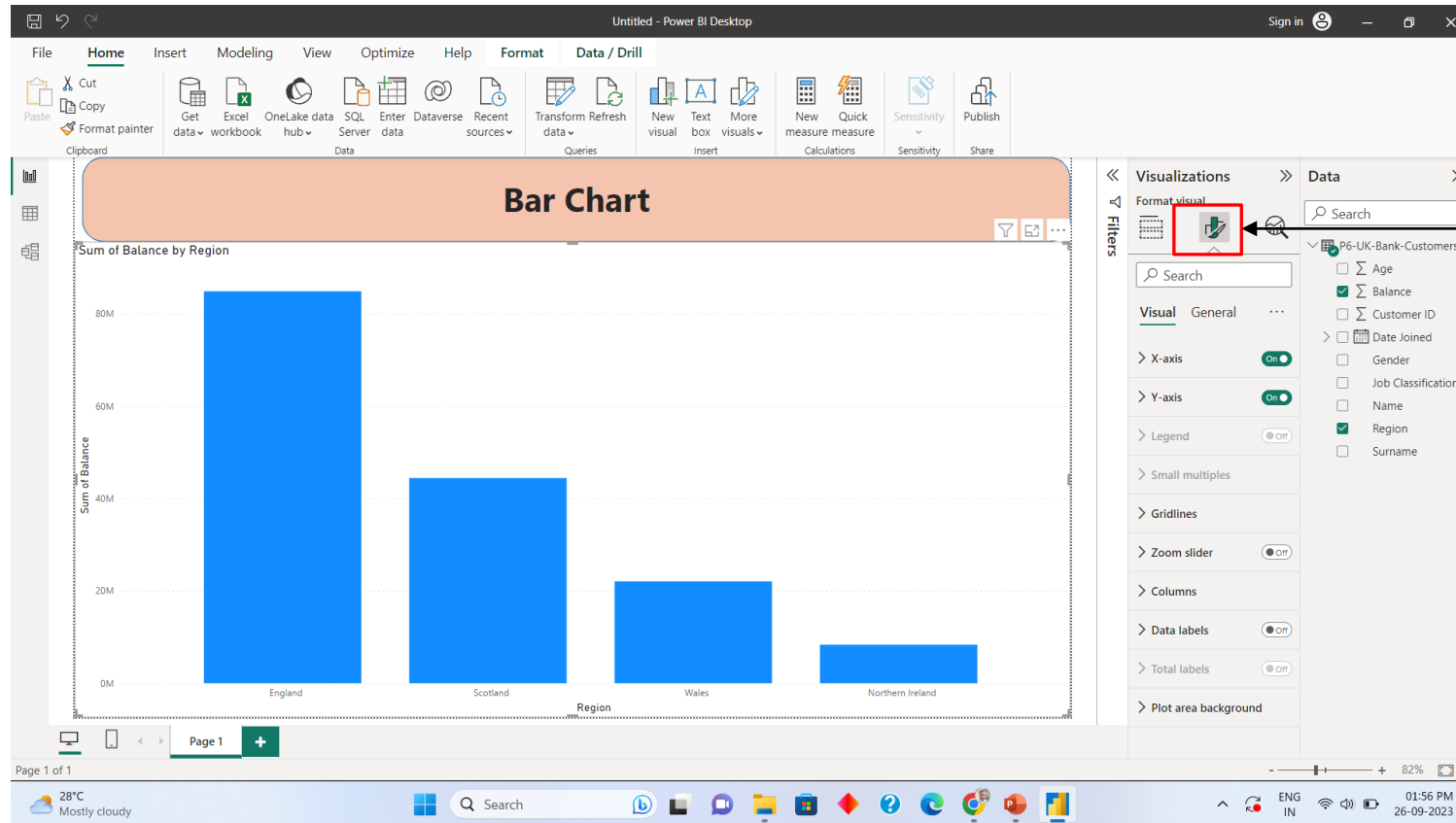
X Axis Data

Y Axis Data

Legend is similar to color in Tableau

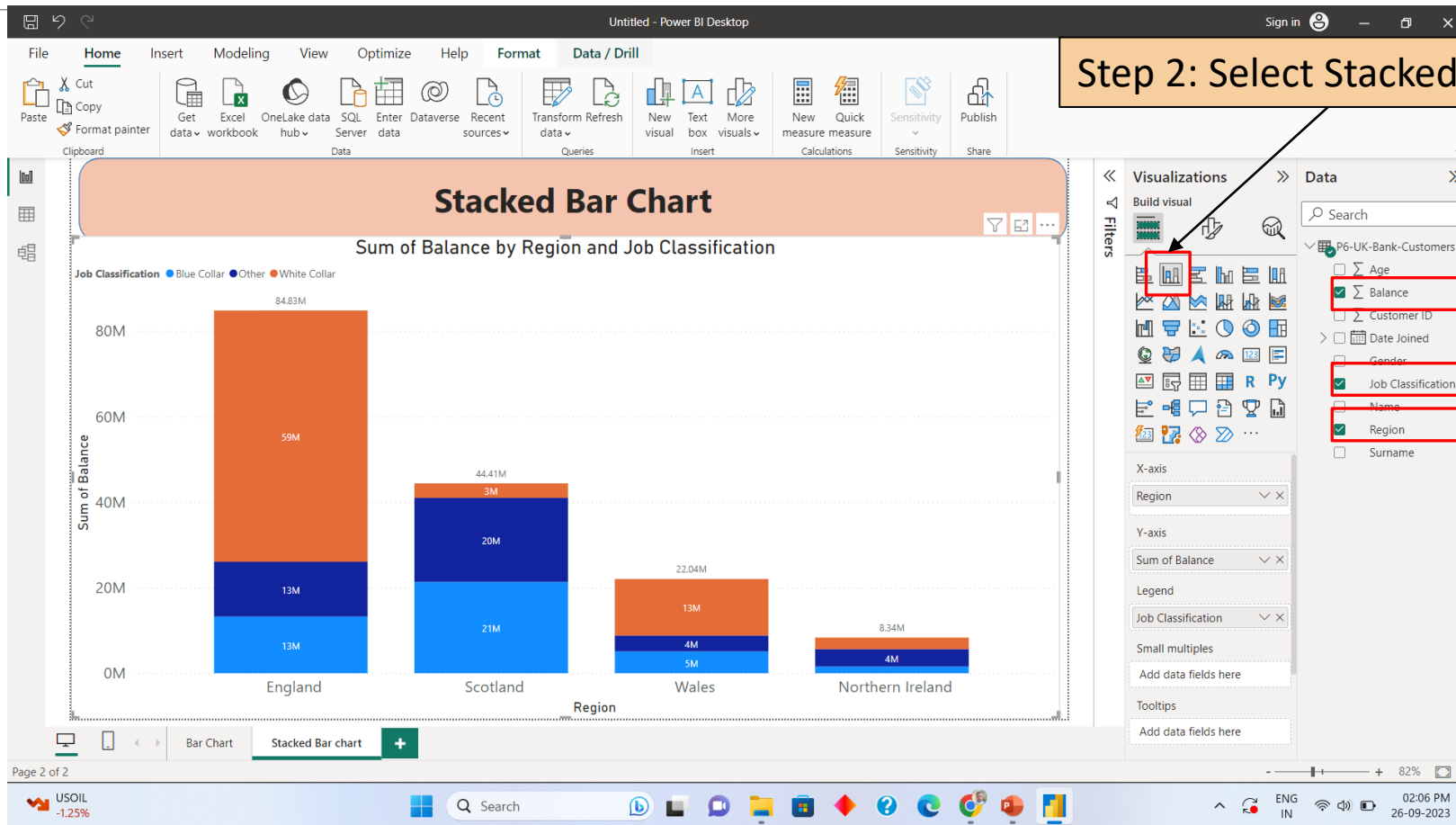
Tooltip is to show details when
Mouse hovered

Format Visuals

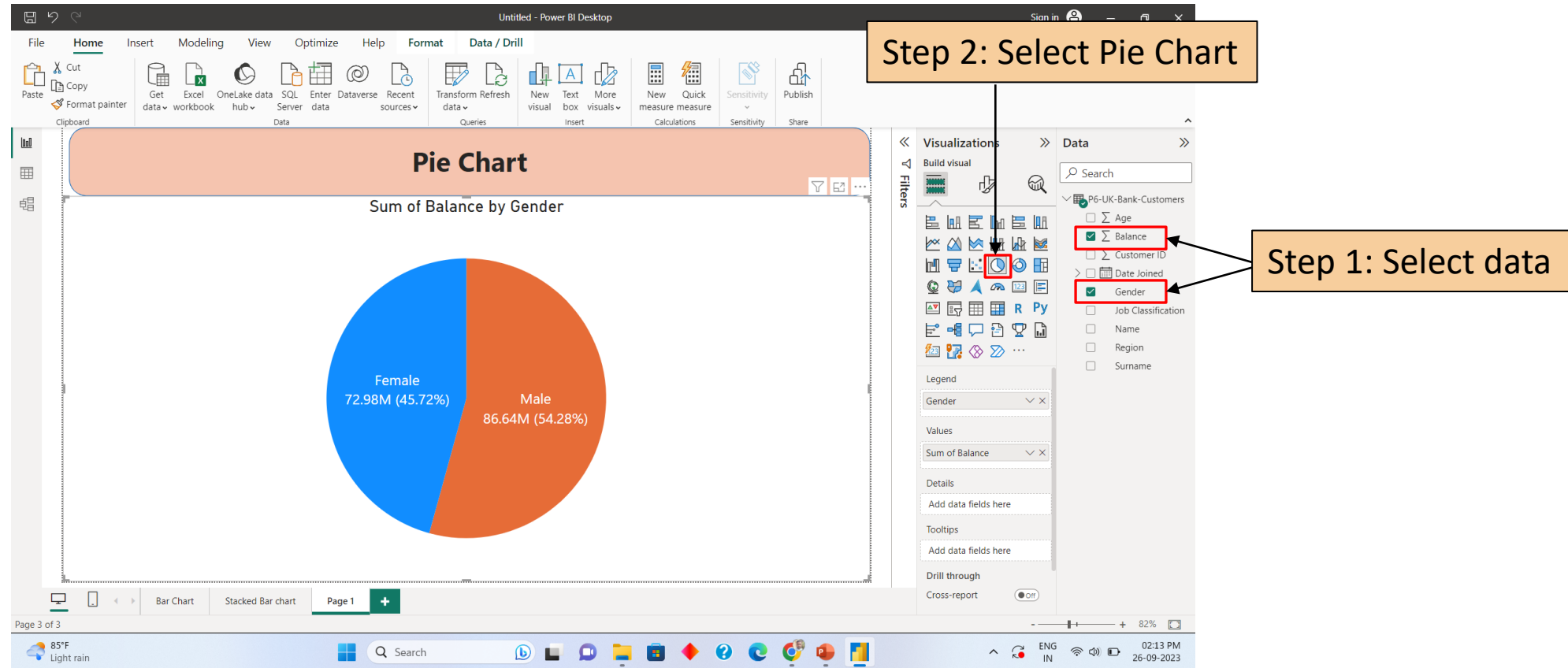


Format visuals

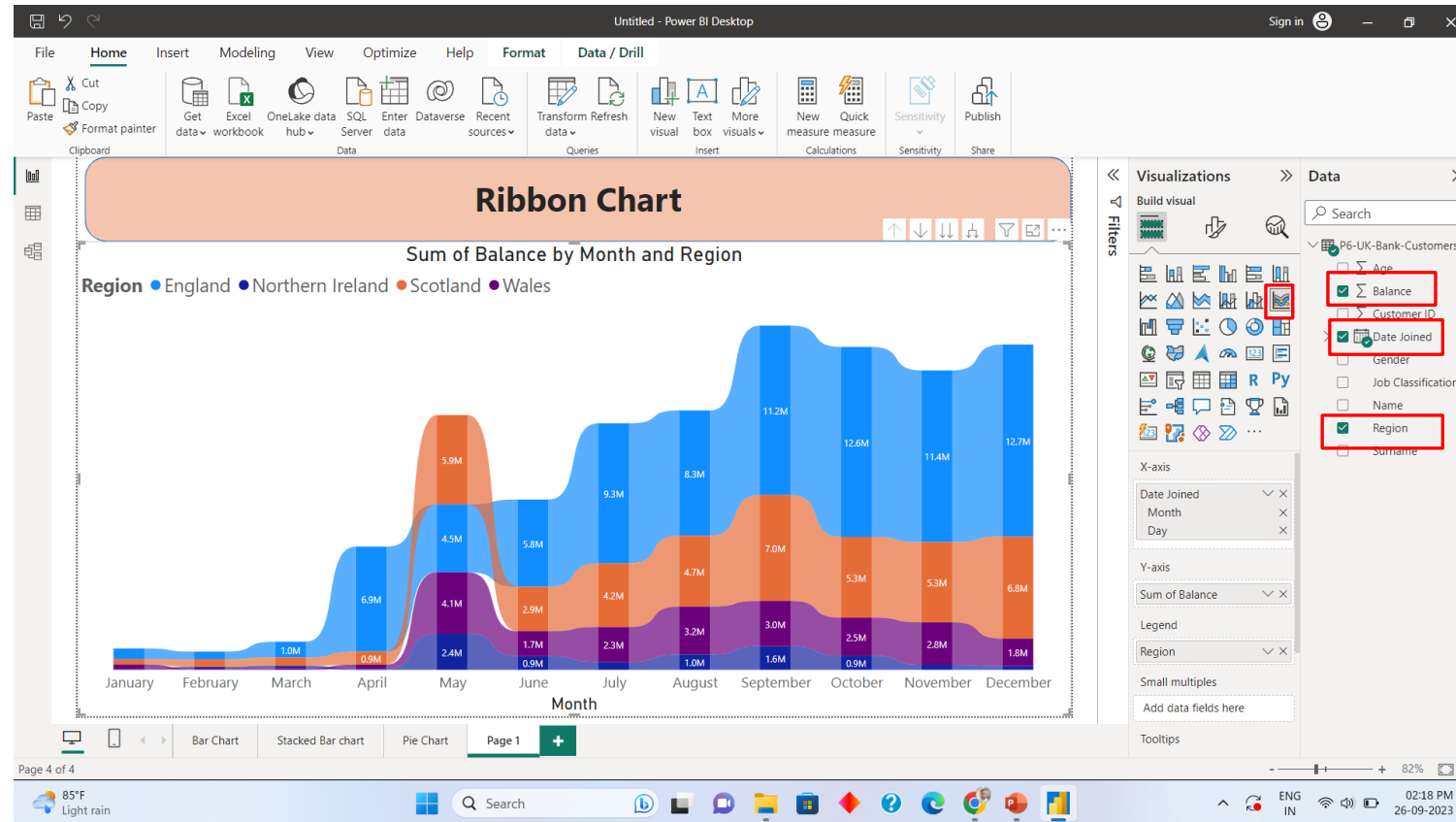
Stacked Bar Chart



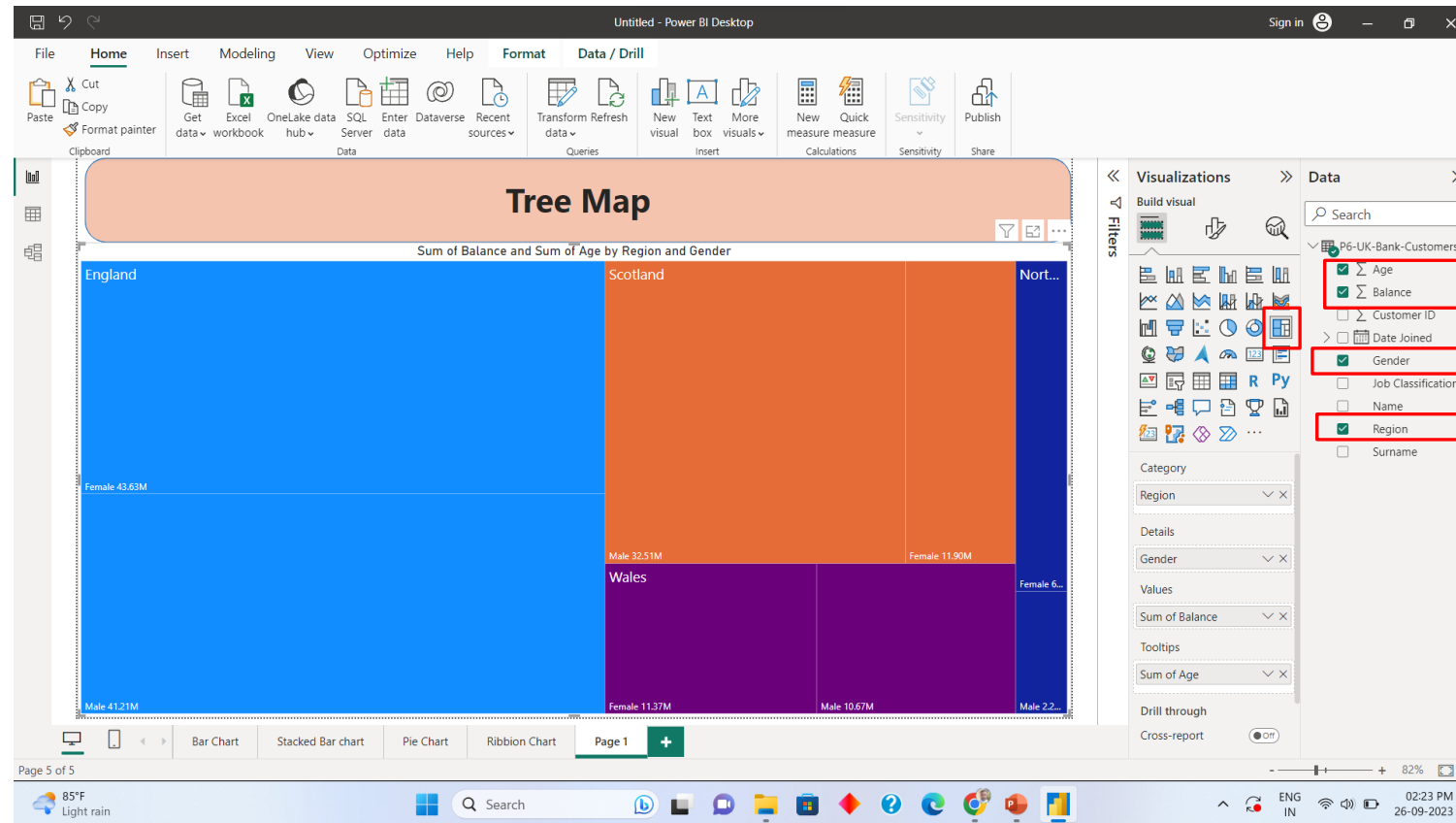
Pie Chart



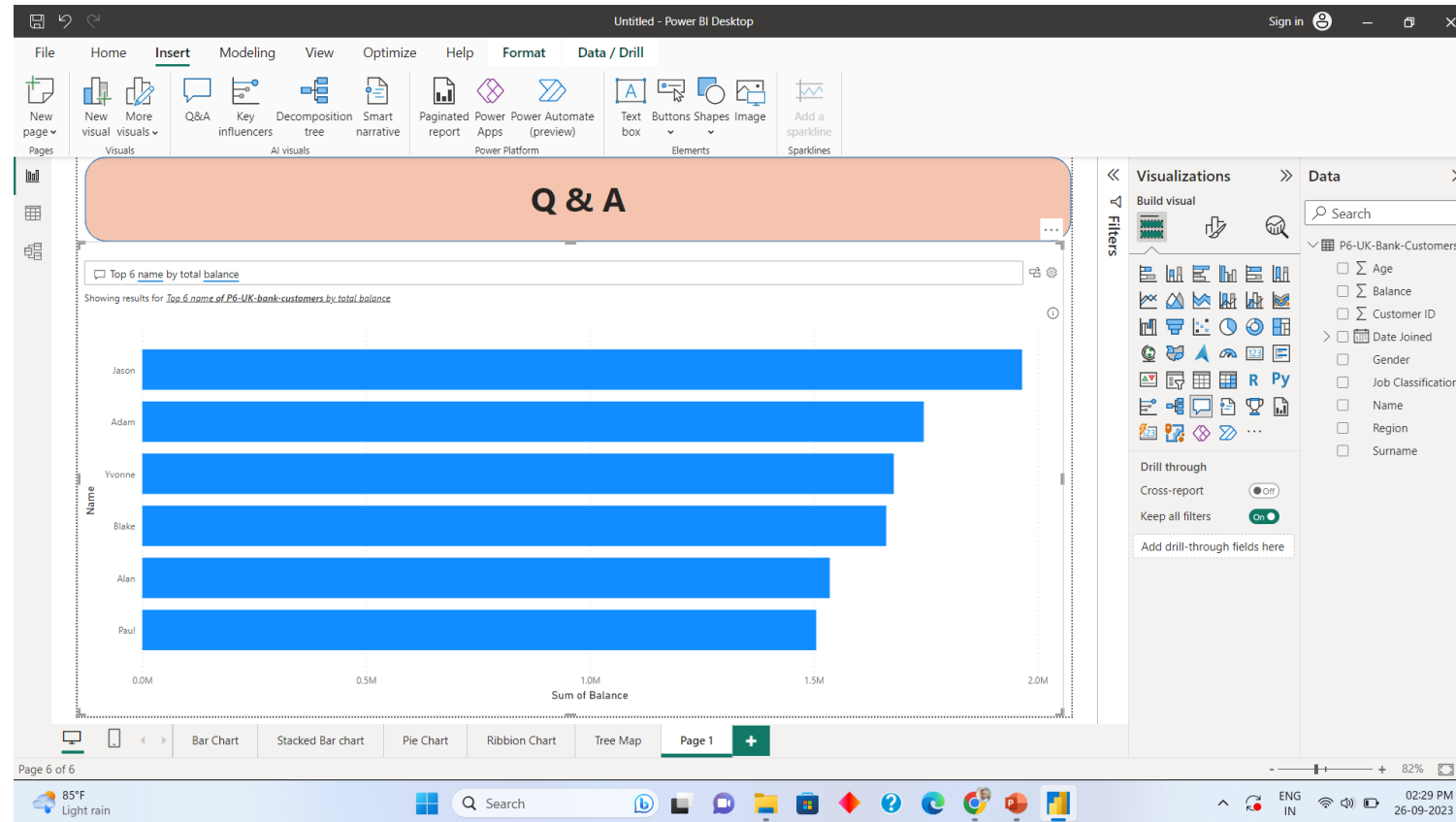
Ribbon Chart (Requires at least 1 date column)



Tree Map



Q&A



Saving Power BI files (.pbix)

Save Button

Session1 - Power BI Desktop

Save

Home Insert Modeling View Optimize Help Format Data / Drill

New page Pages

New visual Visuals

More visuals

Q&A

Key influencers

Decomposition tree

Smart narrative

Paginated report

Power Apps

Power Automate (preview)

Power Platform

Text box

Buttons Shapes Image

Elements

Add a sparkline Sparklines

Q & A

Job Classification vs Total Balance Pie chart

40.22M (25.2%)

78.07M (48.91%)

41.33M (25.89%)

Job Classification

- White Collar
- Blue Collar
- Other

Visualizations

Format visual

Filters

Search

Visual General

Question field

Text

Background

Underline

Submit button

Reset to default

Restatement text

Suggestions On

P6-UK-Bank-Customers

- Age
- Balance
- Customer ID
- Date Joined
- Gender
- Job Classification
- Name
- Region
- Surname

Page 6 of 6

85°F Light rain

Search

ENG IN

02:33 PM 26-09-2023

Thank you

UTKARSH GAIKWAD

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