

# Module 6: Level of Detail (LOD) Expression in Tableau

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Demo Document - III

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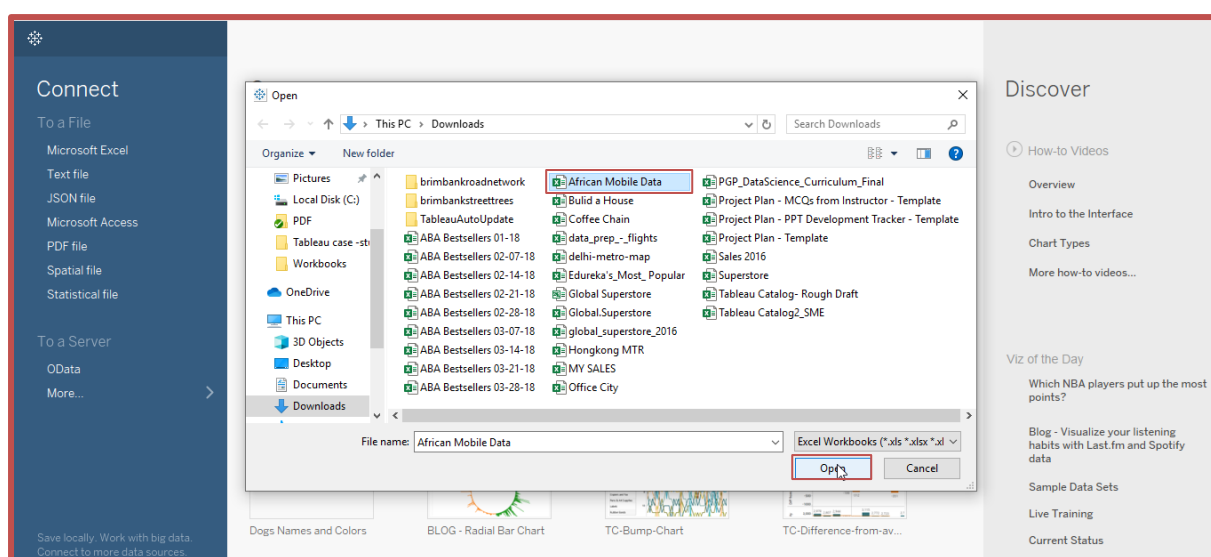
## Demo III

Using “African Mobile Data.xlsx” dataset, visualize profit per day rather than profit per transaction.

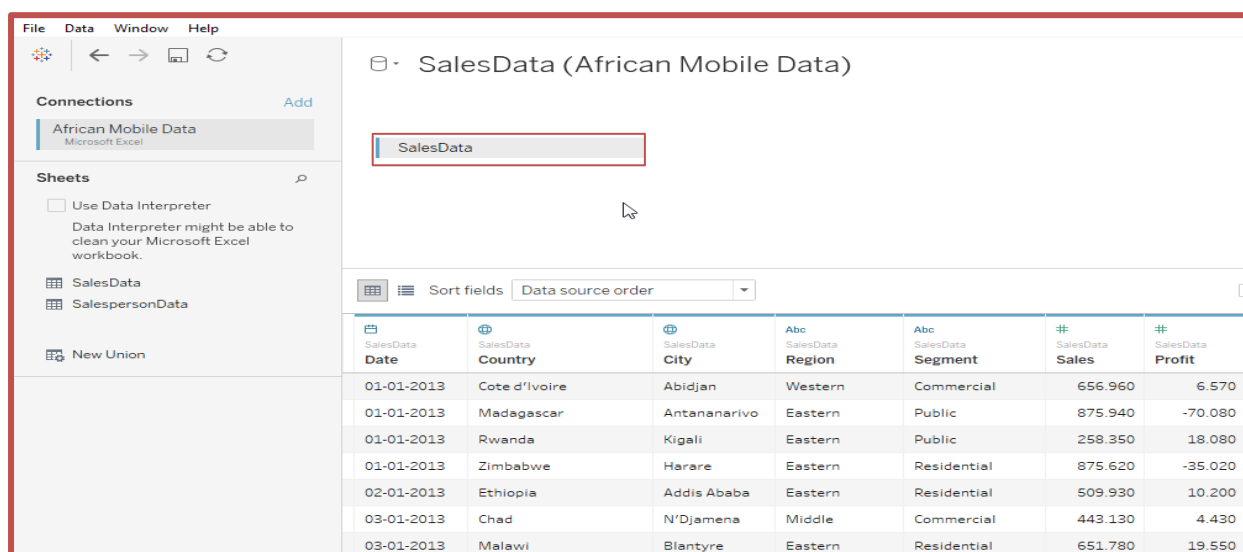
## Demo III Solution

To solve this query, we can use LOD expression to fix the profit to date and a simple logical calculation field.

**Step1:** Click on “Excel file” → Select “African mobile data” → Open



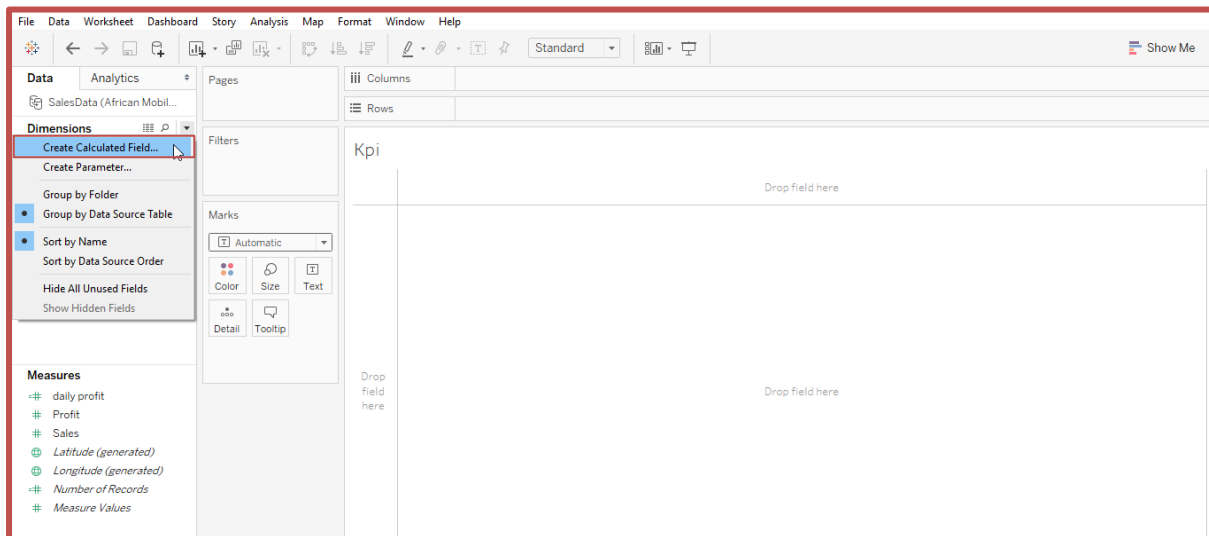
**Step 2:** Drag and drop the sheets that is “African mobile data” sheet on flow pane, add sales data. Click on sheet.



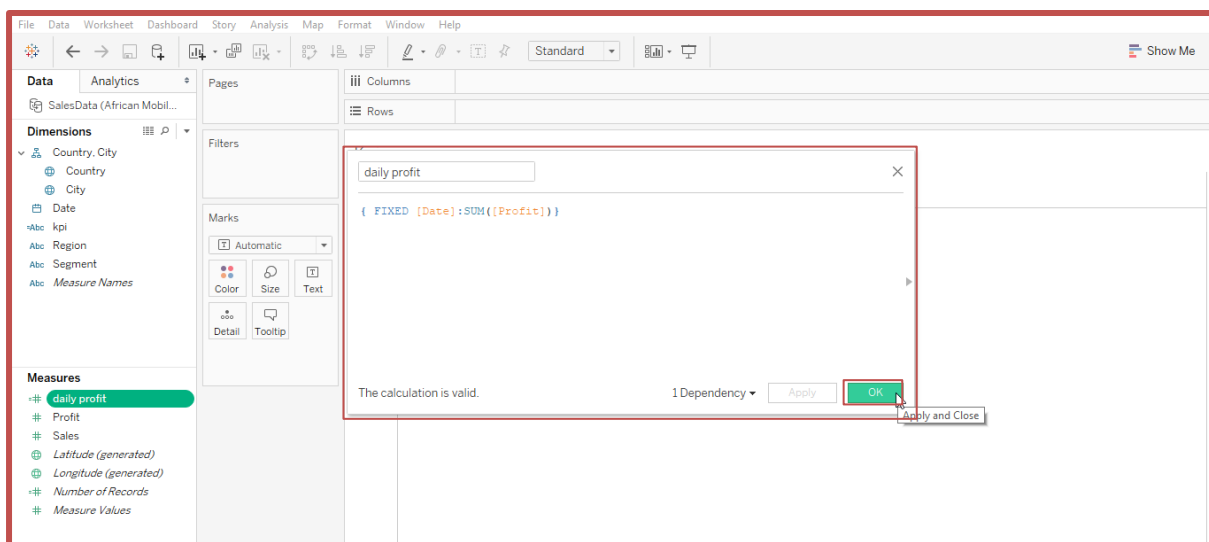
Go to sheet and rename it to “kpi”.

Add few calculative fields before proceeding with the visualization.

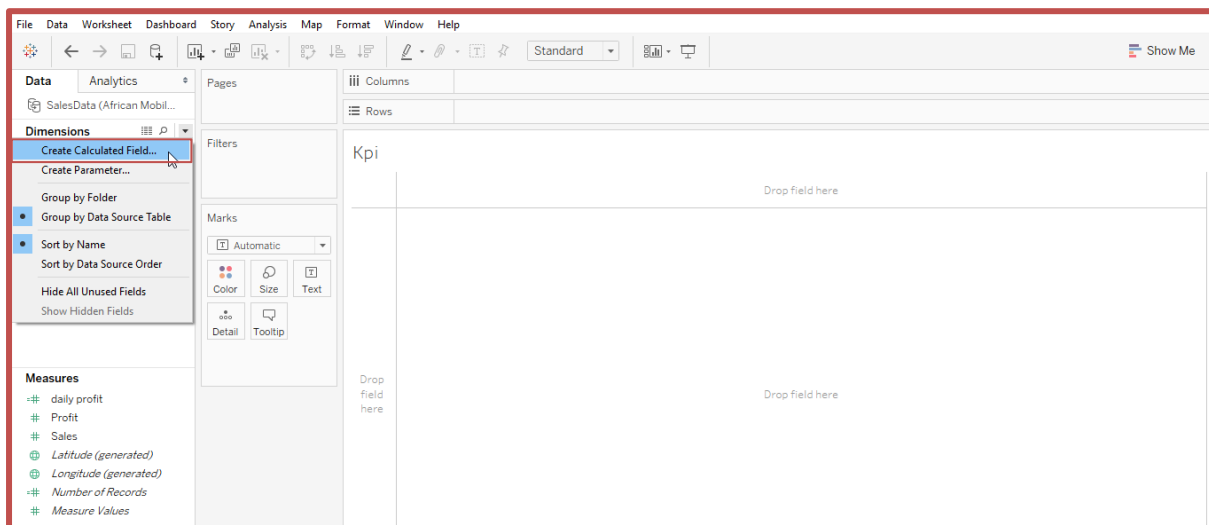
**Step 3:** To create the calculated field, click on drop down on top right next to dimensions and select Create Calculated Field.



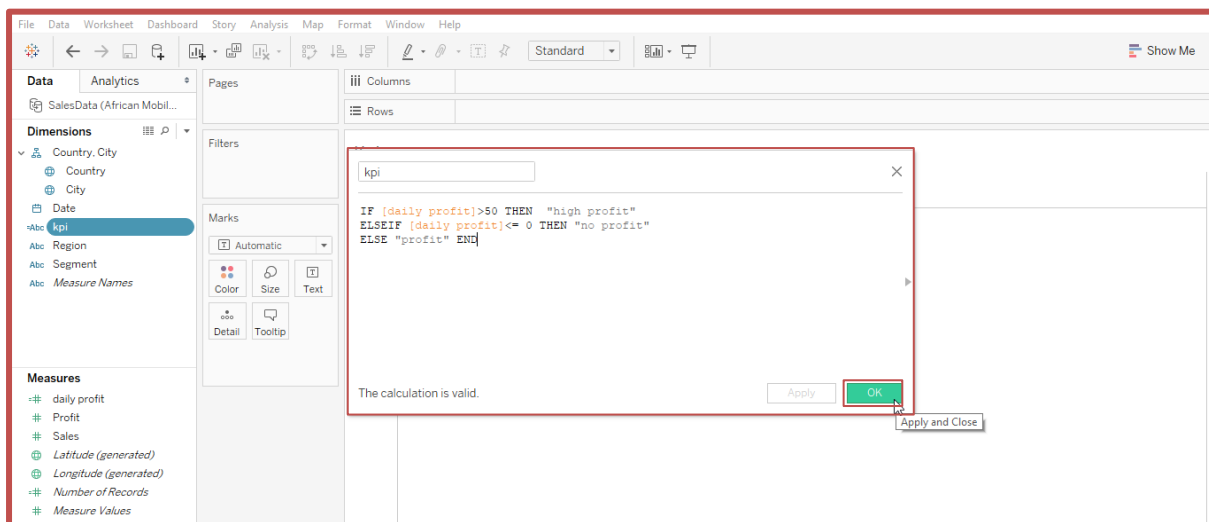
Name the field as daily profit. Add the following calculation and click ok.



**Step 4:** Create another calculated field to find the kpi. To create the calculated field, click on drop down on top right next to dimensions and select Create Calculated Field.



Name the field as kpi. Add the following calculation and click ok.



**Step 5:** Drag and drop the required fields from Dimensions and Measures to column and row shelf.

- Count distinct (Date) to rows.
- Date to columns, drill it down to months and remove quarter.
- kpi to rows and color
- Change the mark type to area.

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