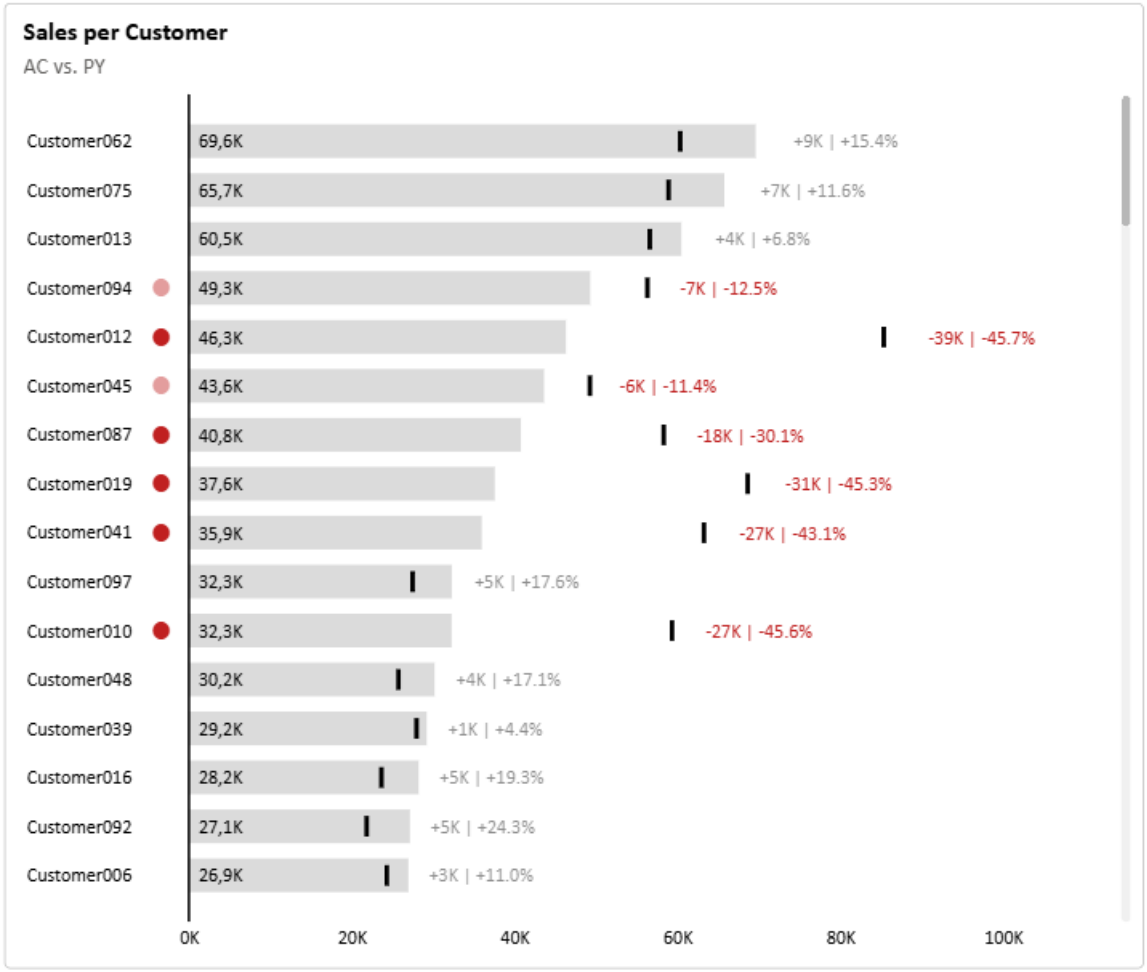
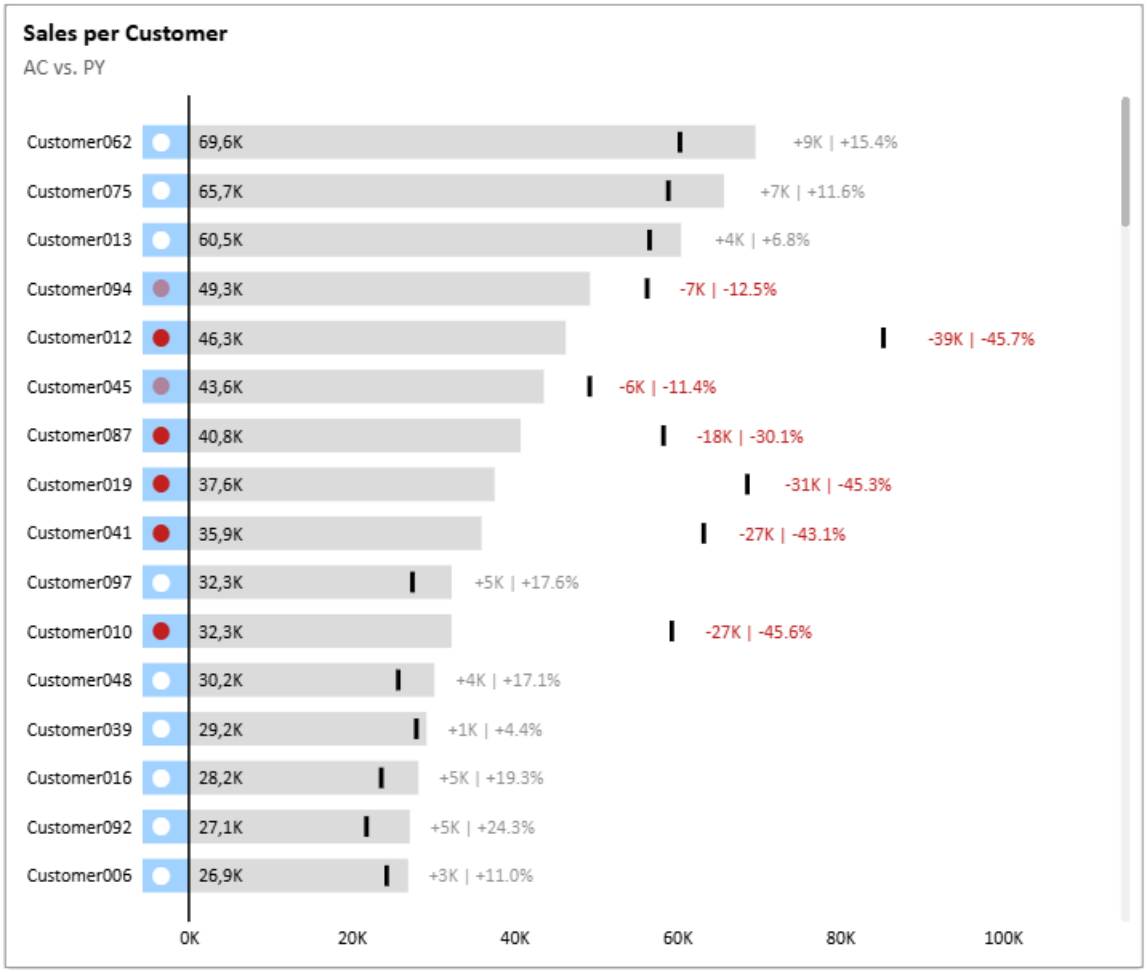
🔴 Action Dots in Clustered Bar Chart (PBIX included)

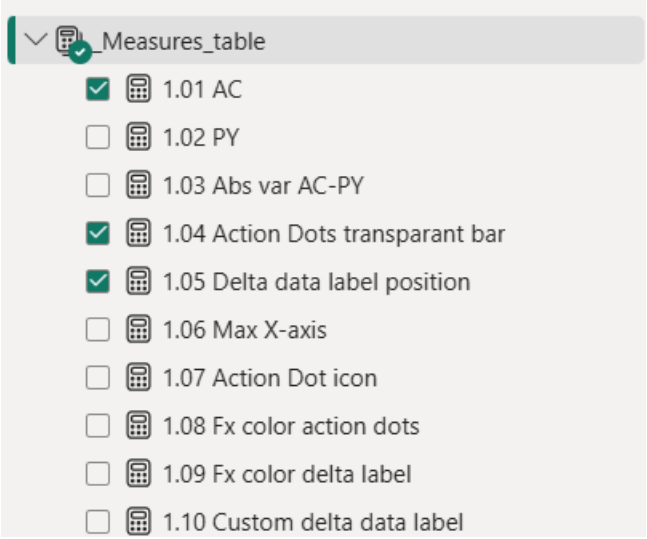


📩 On GitHub you'll find the full .pbix (link in comments) 👇

The action dots were positioned using a transparent bar in the clustered bar chart

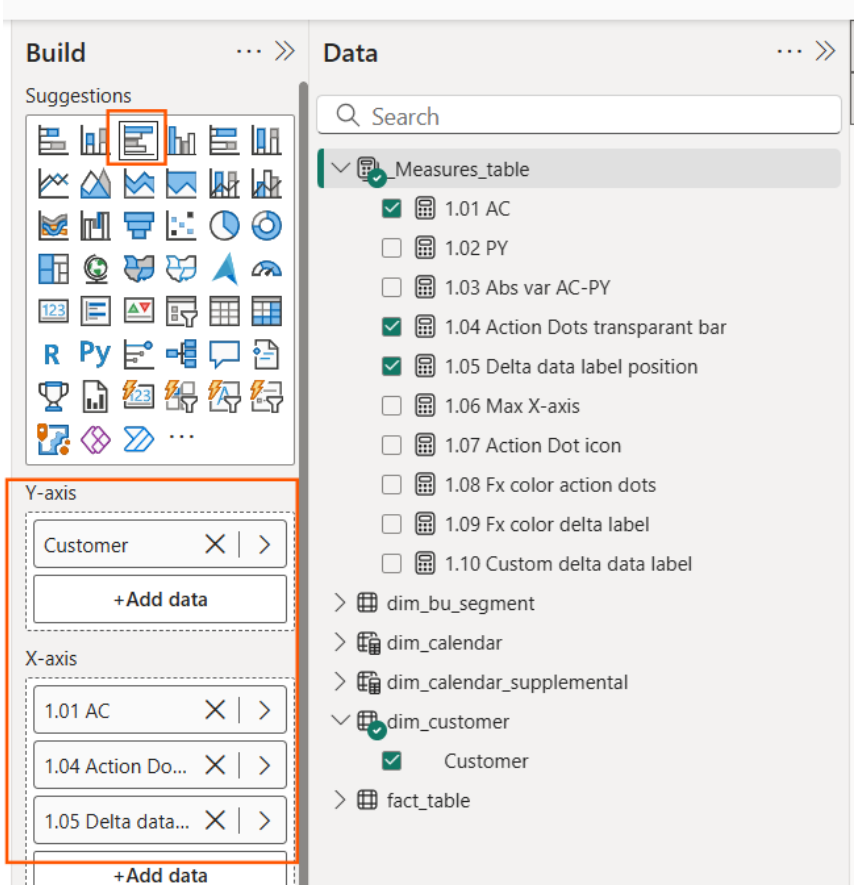


Setup – Create measures (see sample .pbix)



Setup (see sample .pbix)

1. Add a clustered bar chart to the canvas
2. Add (customer) dimension to the Y-axis
3. Add measures [1.01 AC] + [1.04 Action Dots transparent bar] + [1.05 Delta data label position] to the X-axis



Setup – Visual formatting (see sample .pbix)

Y-axis → Layout

- Minimum category height: **40 px** (or your own preference)

X-axis → Range

- Bind the Max X-axis to measure [1.06 Max X-axis]

Bars → Layout

- Overlap **"on"**
- Space between series → 100%
- Space between categories → 30%

Bars → Color

- Set color for measure [1.01 AC]
- Set 100% transparency for measures [1.04 Action Dots transparent bar] & [1.05 Delta data label position]

Data labels

- [1.01 AC] → On, Position = Inside base, overflow text = On (optionally add dynamic format string to measure 1.01)
- [1.04 Action Dots transparant bar] → On, Position = Inside end, Value = [1.07 action dot icon], conditional color = [1.08 fx color action dots]
- [1.05 Delta data label position] → On, Position = Outside end, Value = [1.10 custom delta data label], conditional color = [1.09 fx color delta label]

Reference line

- Add a Zero constant reference line

Error bars

- Enable error bars for measure [1.01 AC], set upper & lower bound = [1.02 PY]
- Border = **0 px**
- Markers = **On**

Setup – Logic Action Dots & Conditional color

You can adjust the logic / fx color behind the red dots by modifying measure [1.08 Fx color action dots] as needed.
The conditional color of the delta labels can be adjusted via measure [1.09 Fx color delta label].

```
1.08 Fx color action dots =
VAR __Variance = [1.03 Abs var AC-PY]
VAR __Comparison = [1.02 PY]
VAR __DeltaPercent = DIVIDE(__Variance, __Comparison)

RETURN
    SWITCH(
        TRUE(),
        __DeltaPercent >= -0.15 && __DeltaPercent < 0, "#C0202070",  // Light red (-15% to 0%)
        __DeltaPercent < -0.15,                        "#C02020",    // Dark red (< -15%)
                                                       "#FFFFFF"     // Default white (fallback)
    )
```

```
1.09 Fx color delta label =
IF(
    [1.03 Abs var AC-PY] >= 0,
    "#00000070",  // Semi-transparent black (positive variance)
    "#C02020"     // Red (negative variance)
)
```

Visual Responsiveness

If you resize the visual, you may need to tweak VAR Multiplier in measure [1.06 Max X-axis] and/or VAR Divider in measure [1.04 Action Dots transparent bar] to keep the action dots and delta labels visible.

🙌 **I hope this was helpful!**
👉 Feel free to reach out if you have any questions.

📩 On GitHub you'll find the full .pbix (link in comments) 👇