

How to Create Dynamic Tooltips in Power BI with DAX (Step-by-Step Guide)

A well-designed dashboard involves more than just pretty graphics It's about making information easy to comprehend, access and utilize. Tooltips do much more than just display basic data points. They are able to display interactive, context-based information using DAX. They are developed in a way that conveys crucial information to users, without taking the entire visual space.

Due to the rapid growth of businesses that are relying on Power BI for the process of making decisions, experienced data professionals will be competitive in the event that they can apply advanced tooltips, which includes using DAX. When it comes to creating reports for teams of executives or those working on the front lines advanced tooltips can help elevate an average dashboard into an outstanding dashboard.

What are Tooltips in Power BI?

Tools In Power BI are pop-up windows that pop up when the user moves their mouse over a point in the form of a visual. The tooltip usually displays the fields that are default like the size of a bar or the proportion of the pie that the user is hovering However, with Power BI, you can make your own tooltips. These comprise an entire report or a complete page of report, which provides precise details about what you are hovering your mouse over.

Why Use DAX in Tooltips?

DAX is an operational programming language within Power BI that allows you to create complex calculations, extensive filtering, and compute context-based evaluations. Tooltips using DAX lets you display personalized messages and values based on the item that the users are hovering their mouse over.

The benefits of this are:

- * Contextual relevance: different results are based on what user is currently hovering over.

- * Interactivity: An engaging experience that isn't cluttered of the main images.

Effectiveness: Customers can gain insights without the need to flip pages within the report.

- * Practical insights: In the first view, you provided the drill-down logic as well as comparable measures.

The features are amplified at this course, [power Bi course in Pune](#) which instructors use real-world dashboards that are designed with smart tools that help explain the "why" behind numbers.

How do you create an advanced Tooltip using DAX

To make it easier for you For your convenience, here's a step-bystep method for creating an information page using DAX for Power BI:

Step 1: Create a Tooltip Page

1. Add a page to your Power BI report.
2. select "Page Information" inside visualization pane
3. Set "Tooltip" to "On".
4. Change the size of the page to "Tooltip" through the options for formatting.

This page will now serve as your dynamic pop-up.

Step 2: Define the Tooltip Layout

Create cards, KPIs diagrams or matrix visuals, whatever you require. Make it clear, simple and clear. This report should address one or two questions about the item you hovered over.

Visual examples you might possess:

- * YOY and MOM are compared
- * Dynamic top performers
- * Trendline that is associated with the entity selected

Step 3: Create Contextual DAX Measures

Create DAX measures that react to the user's presence in a particular situation by hover. For instance:

DAX

CopyEdit

SalesYOY =

VAR CurrentYear = SELECTEDVALUE('Date'[Year])

VAR PreviousYear = CurrentYear - 1

VAR CurrentSales = CALCULATE(SUM(Sales[Amount]), 'Date'[Year] = CurrentYear)

```
VAR PreviousSales = CALCULATE(SUM(Sales[Amount]), 'Date'[Year] = PreviousYear)
```

```
RETURN
```

```
DIVIDE(CurrentSales - PreviousSales, PreviousSales)
```

Another great example is to use **the ISFILTERED AND HasoneValue** functions to determine the information displayed in the tooltip based on the context in which the filter is used.

Step 4: Connecting the Tooltip to Your Visual

Go back to the primary report's page. then click on the image you'd like to display your tooltip.

1. Navigate to visualizations, then format pane Tooltip.
2. Change the tooltip's style change it to "Report Page".
3. Confirmation and selection of the tooltips page that was created for customisation.

Your tooltip that is advanced and dynamic DAX information will be displayed when hovering over an data point.

Best Practices for Creating Great Tooltips

* Be concise The less clutter you have, the better One or two images is sufficient.

Summarize the insights Include trends, comparisons or other examples.

Don't duplicate the visuals you already have The user should be provided with the information that the original report doesn't provide.

* Optimize your performance for speed Write DAX that's efficient and doesn't overflow with images that cause slow rendering.

Be consistent in your style regardless of whether tooltips are on a separate page, make sure you make sure to use the same color schemes, fonts and themes as your main report to ensure visual consistency.

The best practices listed above are meant to be something you think about when you are completing the tasks that require hands-on experience. [Power Bi classes in Nashik](#) where participants build their dashboards.

Real-World examples of how they can be used as Advanced Tooltips

1. Executive Sales Dashboard

If you hover your mouse over an area of sales you will be able to observe:

* YTD vs Last Year

- * Sales target variance

- * The top selling products in the region

2. Customer Segmentation Report

If you hover your mouse over a customer's profile, you can view:

- * The purchase frequency

- * Average spend vs segment average

- * Retention risk score

3. Operations Efficiency Dashboard

If you hover your mouse over a section, you will see:

The trendline for the month of each operational KPI.

- * Anomalies, boundaries that are crossed

- * Resource utilization measurements

These examples demonstrate how information from the context can be integrated without crowding the main visual space.

Advanced learning Tooltip Creation using the Power Experts from the BI

While tooltips may seem like an unimportant function, gaining skills with tooltips by using DAX is a sophisticated ability that separates basic reports from those of enterprise reports and dashboards. If you're looking to become an expert Power BI developer or analyst and you want to add "user Experience Design" to your service is an important skill to have to have in your toolbox.

A typical organized **power Bi Training in Pune** could include DAX/advanced techniques as well as a custom visual design course, which includes an interactive tooltip design and its implementation. These courses are perfect for professionals looking to design smart dashboards, which guide users to relevant information.

Conclusion

Advanced tooltips go from a simple visual effect to creating a story. Because of the depth of understanding DAX provides tooltips that can alter the way people use reports and dashboards, allowing them to take in the most intimate details without worrying about overload. When you have the right combination of images, calculated measurements and a consistent approach to design, tools tips can help improve reports and dashboards.

Whatever your position whether analyst, analyst or even aspiring BI developer the most important thing to learn when learning Power BI needs to be gaining a solid knowledge of how to use

intelligent interactive tooltips. If you're in search of education for professionals, **Power BI classes in Pune** will give you the necessary knowledge and conditions to provide the training in application that is required to master this as well as other advanced reporting abilities.

Create Dashboards that go beyond just beautiful to see Design dashboards that will be remembered. In the diverse and unique world of business intelligence transparency is the ultimate superpower.

Why Choose US?

Real-World Projects

Emphasis of learning is not on theory but practical's. From Python scripting to Spark data pipelines and data analysis, each subject provides real-life examples that you will build from scratch. These initiatives develop students' ability to apply concepts in real environments and apply knowledge with confidence around professionals.

Flexible Learning Modes

Learners have the option of studying in a classroom or online. SevenMentor [Power BI Course in Kolhapur](#) has excellent classrooms, and a quality of education is being given to online students that is also includes fully interactive sessions for both classroom and till the end of data structure python training, with the same support from our trainers as we do offer for classroom lectures.

Career-Focused Training

The programs are efficient and career-driven. In addition to technical skills, students are supported in interview prep, resume development, and job readiness so they can feel empowered as they seek out a new role.

Comprehensive Course Range

SevenMentor has courses that span machine learning, analytics, cloud computing, cybersecurity, and full-stack development. Such a menu of courses provides learners with the ability to select pathways matching their professional ambitions as well as market requirements.

Expert Trainers

The lecturers have over 15 years of combined experience in academia and industry. They learn through hands-on experience and real-world applications, which prepare them for immediate entry into the world of work.

Placement Support

SevenMentor is renowned for its comprehensive support to placement. Students receive support from beginning to end after they complete the course, starting with resumes to

mock-interviews along with job-related suggestions. The assistance with job search that is provided by SevenMentor is highly appreciated by a variety of reviewers.

Placement Services are comprised of:

Interview preparation and guidance on how to prepare for an interview

Make the most of your LinkedIn and resume

Internship and job opportunities

Networking opportunities for Alumni to develop

Evaluation and Recognition

Reviews

SevenMentor is well known name across many platforms.

Google My Business: A 4.9 rating is based on more than 3300 reviews that have been overwhelmingly acknowledged by instructors for their training, their service, and their location in the setting.

Trustindex is validated and rated by over 299 customers, along with 4.9 reviews.

Justdial boasts more than 4900 reviews, including positive reviews on how well the education is, as well as customer service.

Copyright Score: 4.0 for practical, focused on professional training.

Social Presence

SevenMentor is active on Social Media channels.

Facebook: The institute makes use of Facebook for announcements of courses, students' testimonials, course announcements, and live online webinars. E.g., a FB post: "Learn Python, SQL, Power BI, Tableau" & namely provided as Data Engineering/analytics & others

Instagram The platform posts reels that read "New Weekend Batch Alert", "training with real-world labs and expert-led sessions", "placement assistance", etc.

LinkedIn: The corporate page provides details about the institute, the services it offers, and the hiring partners.

YouTube is within the “Stay connected” list.

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