

Copilot

The expression `{FIXED [Day Date] : SUM([Sales])}` in Tableau is a **Level of Detail (LOD) calculation**. Let's break it down:

1. FIXED Clause:

- The `FIXED` keyword defines the scope of the calculation. It specifies the dimensions or fields for which the aggregation will be fixed.
- In your example, `[Day Date]` is the dimension that defines the fixed level of detail. The calculation will be performed at the granularity of each unique `[Day Date]`.

2. Aggregation Function:

- The aggregation function `SUM([Sales])` calculates the sum of the `[Sales]` values within the specified fixed scope.
- It sums up the sales values for each unique `[Day Date]`.

So, the overall result of this expression is the total sales aggregated by day. If you have a dataset with sales data and a `[Day Date]` field, this calculation will give you the sum of sales for each distinct day in your data.

Remember that LOD expressions allow you to control the level of aggregation independently of the visualization's dimensions. They are powerful tools for creating custom aggregations and handling complex scenarios in Tableau. 