

# NULLEXCEPT

Evaluates the given tuple expression when the query includes any of the hierarchies listed in the `hierarchySet` argument, else returns `NULL`. Totals that `hierarchySet` contributes to are displayed, else a `NULL` value is displayed for the total (this applies to both subtotals and grand totals).

## Syntax

```
NULLEXCEPT(tupleExpression, hierarchySet)
```

## Input Parameters

### tupleExpression

Required. The tuple expression to evaluate. This can be in any supported tuple syntax, including:

- ▶ Canonical static tuple syntax, including key and name member references.
- ▶ Canonical dynamic tuple syntax that uses `currentMember`.
- ▶ Dimensionally-modified tuple syntax, such as `currentMember.lag()`, `currentMember.parent()`.
- ▶ A metric reference. In this case, all other dimension hierarchies are implicitly set to the `ALL` member.

### hierarchySet

Required. A set of one or more hierarchies. AtScale returns the tuple's value only for model cells that belong to any of the hierarchies listed in `hierarchySet`, else a `NULL` value is returned.

## Examples

Returns `NULL` for sub-model cells that don't include `Mydim.MyHierarchy`, else returns `Measures.[salesAmount]`:

```
NULLEXCEPT(Measures.[salesAmount], { Mydim.MyHierarchy })
```

Returns `NULL` for sub-model cells that don't include either `Mydim.MyHierarchy`, or `Mydim2.MyHierarchy2`, else returns `Measures.[salesAmount]`:

```
NULLEXCEPT(Measures.[salesAmount], { Mydim.MyHierarchy, Mydim2.MyHierarchy2 })
```

Returns `NULL` for sub-model cells that don't include either `Mydim.MyHierarchy` or `Mydim2.MyHierarchy2`, else returns `(Mydim.MyHierarchy.currentMember.lag(1), Measures.[salesAmount])`.

```
NULLEXCEPT((Mydim.MyHierarchy.currentMember.lag(1), Measures.[salesAmount]), { Mydim.MyHierarchy, Mydim2.MyHierarchy2 })
```