

TASK 4 – BASIC DAX MEASURES

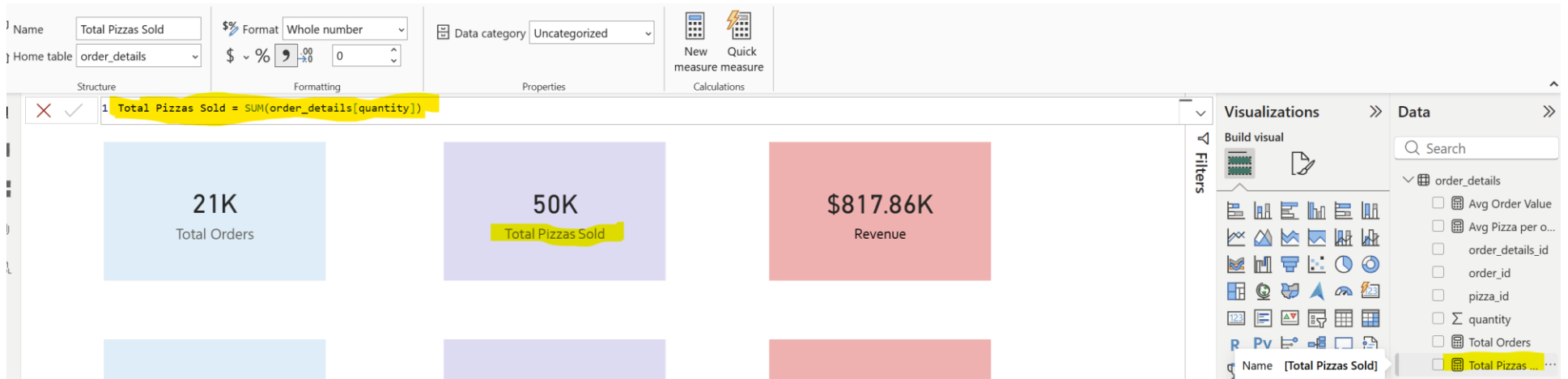
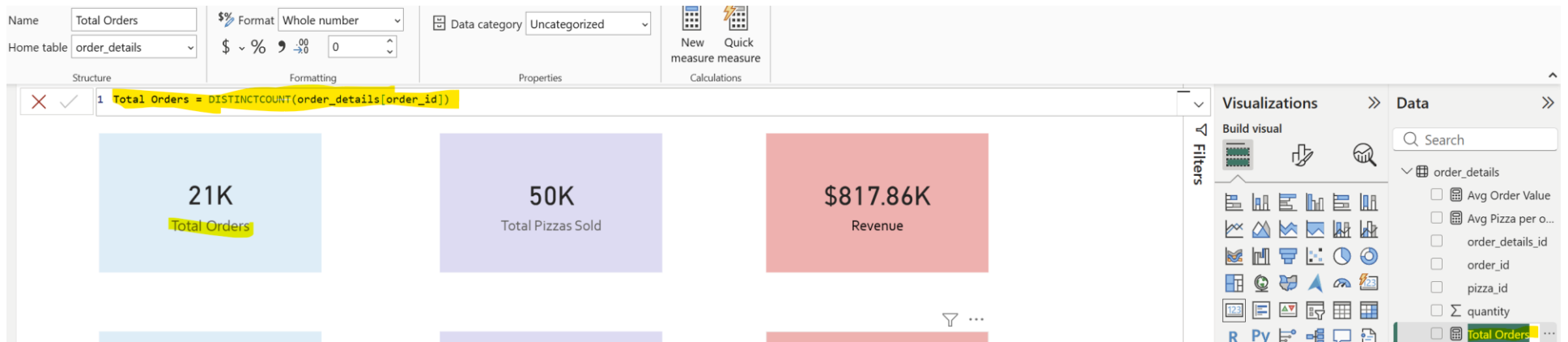
The screenshot displays the Microsoft Power BI Desktop interface. The top ribbon includes tabs for File, Home, Insert, Modeling, View, Optimize, and Help. The Home tab is active, showing various toolbars for data sources, queries, insertions, calculations, and sharing. The main workspace contains six KPI cards arranged in a 3x2 grid:

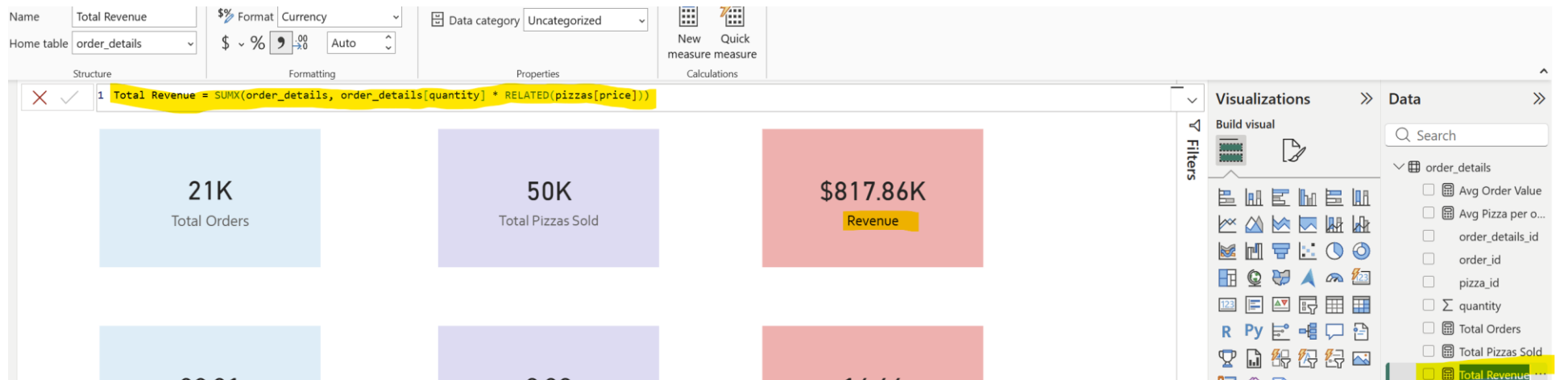
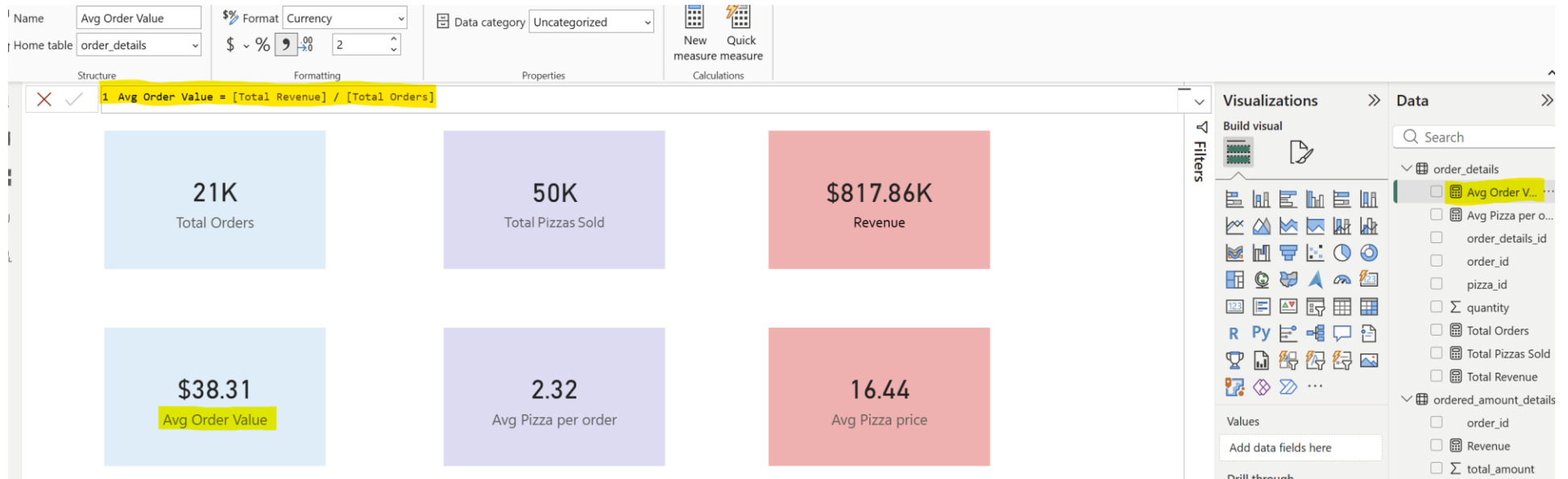
- 21K** Total Orders (Light Blue card)
- 50K** Total Pizzas Sold (Light Purple card)
- \$817.86K** Revenue (Light Red card)
- 38.31** Avg Order Value (Light Blue card)
- 2.32** Avg Pizza per order (Light Purple card)
- 16.44** Avg Pizza price (Light Red card)
- 9.75** Minimum Pizza Price (Light Blue card)
- 35.95** Maximum Pizza Price (Light Purple card)

On the right side, the **Visualizations** pane shows the 'Build visual' section with various chart types. Below it, the 'Values' section has 'Add data fields here' and 'Drill through' options. The **Data** pane on the far right shows a search bar and a list of data fields under the 'pizzas' table:

- ☐ Avg Order Value
- ☐ Avg Pizza per o...
- ☐ order_details_id
- ☐ order_id
- ☐ pizza_id
- ☐ Σ quantity
- ☐ Total Orders
- ☐ Total Pizzas Sold
- ☐ Total Revenue
- ☐ ordered_amount_details
- ☐ ordered_pizza_details
- ☐ orders
- ☐ pizza_details
- ☐ pizza_types
- ☐ pizzas
 - ☐ Avg Pizza price
 - ☐ Maximum Pizza...
 - ☐ Minimum Pizza ...
 - ☐ pizza_id
 - ☐ pizza_type_id
 - ☐ Σ price
 - ☐ size

The bottom status bar shows 'Page 1 of 2' and a zoom level of 95%.





name

Avg Pizza per order

Format

Currency

Data category

Uncategorized

New measure

Quick measure

home table

order_details

\$

%

00

2

Structure

Formatting

Properties

Calculations

1 Avg Pizza per order = [Total Pizzas Sold] / [Total Orders]

21K

Total Orders

50K

Total Pizzas Sold

\$817.86K

Revenue

\$38.31

Avg Order Value

\$2.32

Avg Pizza per order

16.44

Avg Pizza price

9.75

Minimum Pizza Price

35.95

Maximum Pizza Price

Visualizations

Build visual

Filters

Values

Drill through

Cross-report

Keep all filters

Add drill-through fields here

Data

Search

order_details

ordered_amount_details

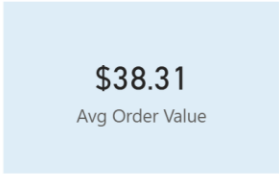
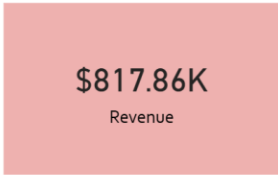
ordered_pizza_details

orders

pizza_details

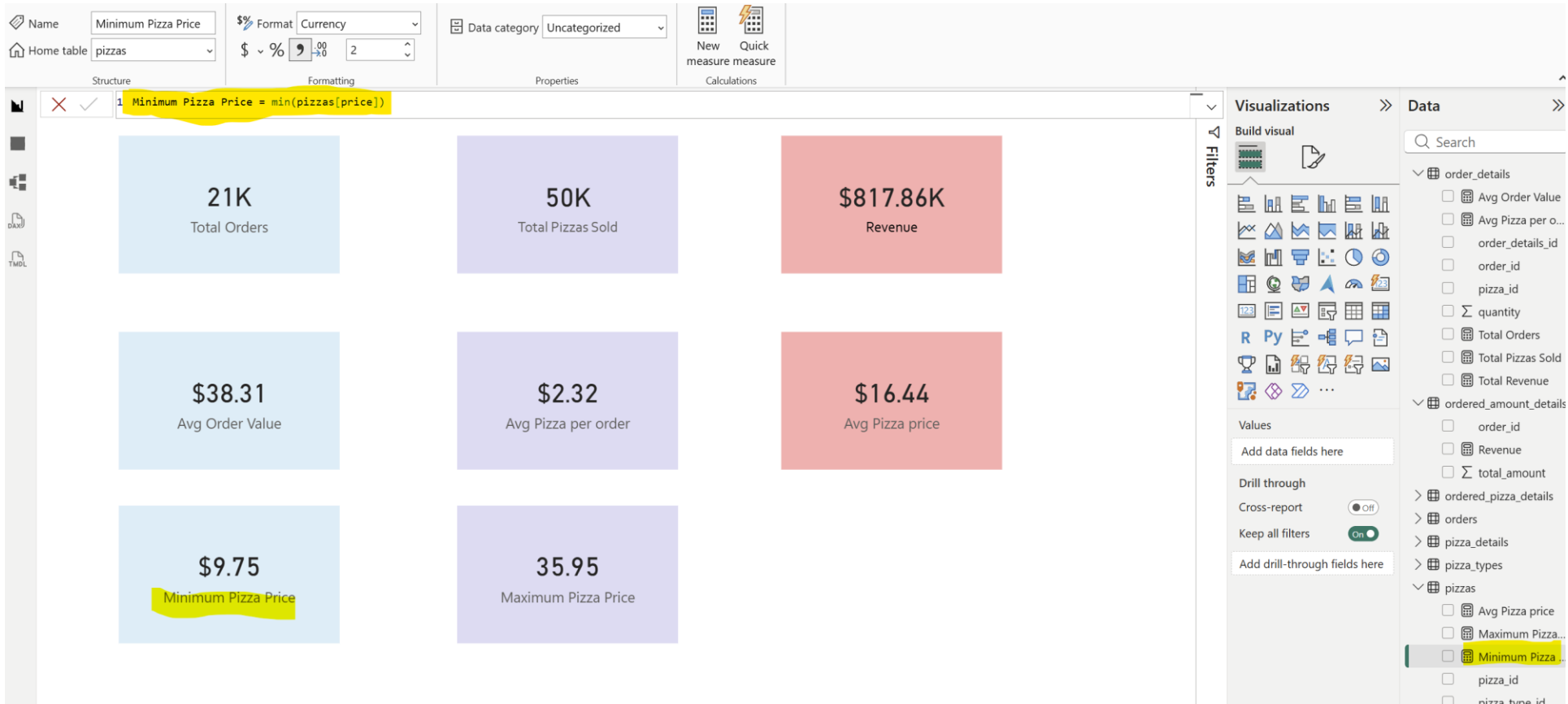
pizza_types

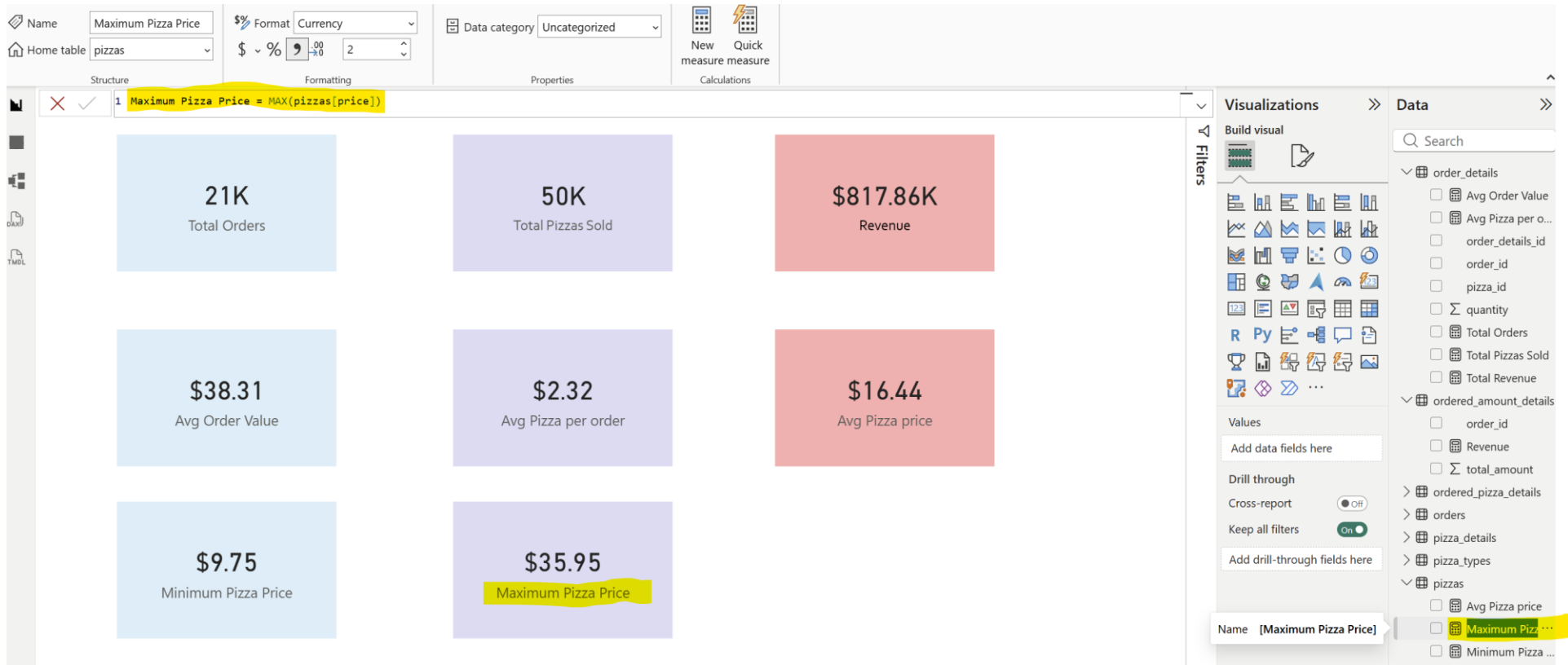
pizzas



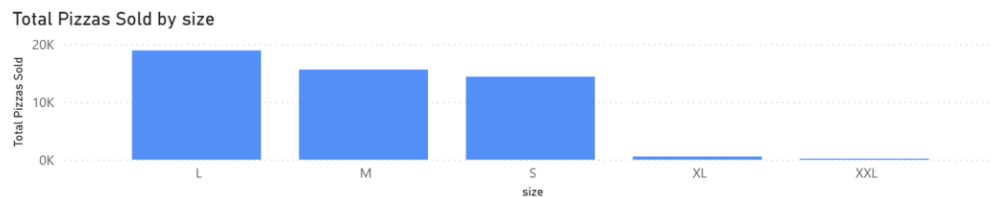
The screenshot displays the Tableau Desktop interface with a dashboard containing six KPI cards. The top toolbar includes fields for Name, Home table, Format, Data category, and Calculations. The dashboard has a yellow formula bar with the formula 'Avg Pizza price = AVERAGE(pizzas[price])'. The KPI cards are: Total Orders (21K), Total Pizzas Sold (50K), Revenue (\$817.86K), Avg Order Value (\$38.31), Avg Pizza per order (\$2.32), and Minimum Pizza Price (9.75). The right sidebar shows the Visualizations and Data panes.

KPI	Value
Total Orders	21K
Total Pizzas Sold	50K
Revenue	\$817.86K
Avg Order Value	\$38.31
Avg Pizza per order	\$2.32
Minimum Pizza Price	9.75





size	Total Pizzas Sold
L	19000
M	16000
S	15000
XL	1000
XXL	500



- 95%

X-axis

size ▼ ✕

Y-axis

Total Pizzas Sold ▼ ✕

Legend

Add data fields here

Small multiples

Add data fields here

Tooltips

Add data fields here

Drill through

Cross-report ☐ Off

Keep all filters ☒ On

Add drill-through fields here

Columns

category ▼ ✕

Minimum Pizza Price ▼ ✕

Maximum Pizza Price ▼ ✕

Avg Pizza price ▼ ✕

Total Pizzas Sold ▼ ✕

Total Revenue ▼ ✕