

TASK 4 – BASIC DAX MEASURES

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File Insert Modeling View Optimize Help

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Clipboard

Visualizations Data

Search

Total Orders: 21K

Total Pizzas Sold: 50K

Revenue: \$817.86K

Avg Order Value: 38.31

Avg Pizza per order: 2.32

Avg Pizza price: 16.44

Minimum Pizza Price: 9.75

Maximum Pizza Price: 35.95

order_details

- Avg Order Value
- Avg Pizza per o...
- order_details_id
- order_id
- pizza_id
- \sum quantity
- Total Orders
- Total Pizzas Sold
- Total Revenue

Values

Add data fields here

Drill through

Cross-report Off

Keep all filters On

Add drill-through fields here

Basic DAX

Tables +

Page 1 of 2

95%

Total Orders

Format: Whole number
Data category: Uncategorized

Measure: Total Orders = DISTINCTCOUNT(order_details[order_id])

Properties: Structure, Formatting

Calculations: New measure, Quick measure

Visualizations: Build visual, Filters

Data: order_details

Fields: Avg Order Value, Avg Pizza per o..., order_details_id, order_id, pizza_id, Σ quantity, Total Orders

Measures: Total Orders

21K
Total Orders

50K
Total Pizzas Sold

\$817.86K
Revenue

Total Pizzas Sold

Format: Whole number
Data category: Uncategorized

Measure: Total Pizzas Sold = SUM(order_details[quantity])

Properties: Structure, Formatting

Calculations: New measure, Quick measure

Visualizations: Build visual, Filters

Data: order_details

Fields: Avg Order Value, Avg Pizza per o..., order_details_id, order_id, pizza_id, Σ quantity, Total Orders

Measures: Total Pizzas Sold

21K
Total Orders

50K
Total Pizzas Sold

\$817.86K
Revenue

Avg Order Value

Calculation: `1 Avg Order Value = [Total Revenue] / [Total Orders]`

Properties:

- Name: Avg Order Value
- Home table: order_details
- Format: Currency
- Data category: Uncategorized
- Structure: New measure

Visualizations:

- Total Orders: 21K
- Total Pizzas Sold: 50K
- Revenue: \$817.86K
- Avg Order Value: \$38.31
- Avg Pizza per order: 2.32
- Avg Pizza price: 16.44

Data:

- order_details
 - Avg Order V...
 - Avg Pizza per o...
 - order_details_id
 - order_id
 - pizza_id
 - Σ quantity
 - Total Orders
 - Total Pizzas Sold
 - Total Revenue
- ordered_amount_details
 - order_id
 - Revenue
 - Σ total_amount

Total Revenue

Calculation: `1 Total Revenue = SUMX(order_details, order_details[quantity] * RELATED(pizzas[price]))`

Properties:

- Name: Total Revenue
- Home table: order_details
- Format: Currency
- Data category: Uncategorized
- Structure: New measure

Visualizations:

- Total Orders: 21K
- Total Pizzas Sold: 50K
- Revenue: \$817.86K
- Avg Order Value: \$38.31
- Avg Pizza per order: 2.32
- Avg Pizza price: 16.44

Data:

- order_details
 - 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
 - order_id
 - Revenue
 - Σ total_amount

James | Avg Pizza per order | \$% Format Currency Data category Uncategorized New measure measure

Home table order_details \$ % 200 2 Structure Formatting Properties Calculations

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

Visualizations Data

Build visual

Filters

Search: order_details

- Avg Order Value
- Avg Pizza per ...
- order_details_id
- order_id
- pizza_id
- Σ quantity
- Total Orders
- Total Pizzas Sold
- Total Revenue

Values

Add data fields here

Drill through

Cross-report Off

Keep all filters On

Add drill-through fields here

order_id

Revenue

Σ total_amount

ordered_pizza_details

orders

pizza_details

pizza_types

pizzas

Measure	Value
Total Orders	21K
Total Pizzas Sold	50K
Revenue	\$817.86K
Avg Order Value	\$38.31
Avg Pizza per order	\$2.32
Avg Pizza price	16.44
Minimum Pizza Price	9.75
Maximum Pizza Price	35.95

Avg Pizza price

Home table: pizzas

Format: Currency

Data category: Uncategorized

Calculations:

Properties:

Structure:

Formatting:

1 Avg Pizza price = AVERAGE(pizzas[price])

Visualizations:

- Build visual
- Filters
- Values
- Add data fields here
- Drill through
- Cross-report (Off)
- Keep all filters (On)
- Add drill-through fields here

Data:

Search: order_details, ordered_amount_details, ordered_pizza_details, orders, pizza_details, pizza_types, pizzas

order_details:

- 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:

- order_id
- Revenue
- Σ total_amount

ordered_pizza_details:

orders:

pizza_details:

pizza_types:

pizzas:

- Avg Pizza price
- Maximum Pizza...
- Minimum Pizza ...
- pizza_id

Measure	Value
Total Orders	21K
Total Pizzas Sold	50K
Revenue	\$817.86K
Avg Order Value	\$38.31
Avg Pizza per order	\$2.32
Avg Pizza price	\$16.44
Minimum Pizza Price	9.75
Maximum Pizza Price	35.95

Minimum Pizza Price

Format: Currency

Data category: Uncategorized

Measure: New measure

Calculation: `Minimum Pizza Price = min(pizzas[price])`

Properties:

Structure:

Formatting:

Properties:

Visualizations:

Build visual:

- Total Orders: 21K
- Total Pizzas Sold: 50K
- Revenue: \$817.86K
- Avg Order Value: \$38.31
- Avg Pizza per order: \$2.32
- Avg Pizza price: \$16.44
- Minimum Pizza Price: \$9.75
- Maximum Pizza Price: 35.95

Filters:

Search: Search

order_details:

- Avg Order Value
- Avg Pizza per order
- order_details_id
- order_id
- pizza_id
- \sum quantity
- Total Orders
- Total Pizzas Sold
- Total Revenue

ordered_amount_details:

- order_id
- Revenue
- \sum total_amount

ordered_pizza_details

orders

pizza_details

pizza_types

pizzas:

- Avg Pizza price
- Maximum Pizza...
- Minimum Pizza...**
- pizza_id
- pizza type id

Values: Add data fields here

Drill through: Off

Cross-report: On

Keep all filters: On

Add drill-through fields here

Maximum Pizza Price

Format: Currency

Data category: Uncategorized

Measure: New measure

Calculations:

1 Maximum Pizza Price = MAX(pizzas[price])

Visualizations: Build visual, Filters, Data

Search: order_details, 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, order_id, Revenue, Σ total_amount, ordered_pizza_details, orders, pizza_details, pizza_types, pizzas, Avg Pizza price, Maximum Pizza ..., Minimum Pizza ...

Values: Add data fields here, Drill through, Cross-report (Off), Keep all filters (On), Add drill-through fields here, Name: [Maximum Pizza Price]

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Share

Visualizations

Build visual

Filters

Search

order_details

- 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_detail

ordered_pizza_details

orders

pizza_details

pizza_types

Values

Add data fields here

Drill through

Cross-report Off

Keep all filters On

Add drill-through fields here

Data

category Minimum Pizza Price Maximum Pizza Price Avg Pizza price Total Pizzas Sold Total Revenue

category	Minimum Pizza Price	Maximum Pizza Price	Avg Pizza price	Total Pizzas Sold	Total Revenue
Classic	9.75	35.95	16.33	14888	220,053.10
Supreme	12.25	23.65	16.79	11987	208,197.00
Chicken	12.75	20.75	16.75	11050	195,919.50
Veggie	11.75	21.00	16.02	11649	193,690.45
Total	9.75	35.95	16.44	49574	817,860.05

Total Pizzas Sold by size

Total Pizzas Sold

L M S XL XXL

Basic DAX Tables +

Page 2 of 2

X-axis

size ▼ X

Y-axis

Total Pizzas Sold ▼ X

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 ▼ X

Minimum Pizza Price ▼ X

Maximum Pizza Price ▼ X

Avg Pizza price ▼ X

Total Pizzas Sold ▼ X

Total Revenue ▼ X