

# Practical DMX Queries for Microsoft SQL Server Analysis Services 2008

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Data mining is a powerful tool that can be used to extract valuable insights from data. Microsoft SQL Server Analysis Services (SSAS) is a data mining platform that provides a wide range of tools and features for data mining, including the DMX query language.



## Practical DMX Queries for Microsoft SQL Server Analysis Services 2008 by Art Tennick

★★★★☆ 4 out of 5

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DMX is a powerful query language that can be used to retrieve data from SSAS cubes and perform a variety of calculations and visualizations. This book provides a comprehensive guide to writing DMX queries for SSAS 2008. It covers all the essential concepts and techniques, from basic data retrieval to advanced calculations and visualizations.

## Basic DMX Queries

The following are some basic DMX queries that you can use to retrieve data from SSAS cubes:

```
SELECT * FROM [AdventureWorks] WHERE [Product].[Product].[Product Category]
```

This query retrieves all the rows from the AdventureWorks cube where the Product Category is 'Bikes'.

```
SELECT [Product].[Product].[Product Name], [Sales].[Sales Amount] FROM [
```

This query retrieves the product name and sales amount for all the products in the AdventureWorks cube where the Product Category is 'Bikes'.

## Advanced DMX Queries

DMX can be used to perform a variety of advanced calculations and visualizations. The following are some examples of advanced DMX queries:

```
SELECT [Product].[Product].[Product Name], SUM([Sales].[Sales Amount]) A
```

This query calculates the total sales for each product in the AdventureWorks cube where the Product Category is 'Bikes'.

```
SELECT [Product].[Product].[Product Name], [Sales].[Sales Amount] FROM [
```

This query retrieves the product name and sales amount for all the products in the AdventureWorks cube where the Product Category is 'Bikes', Free Downloaded by sales amount in descending Free Download.

## **DMX Best Practices**

The following are some best practices for writing DMX queries:

- Use descriptive names for your queries.
- Use the correct data types for your columns.
- Use indexes to improve query performance.
- Cache your queries if possible.
- Test your queries thoroughly.

DMX is a powerful query language that can be used to retrieve data from SSAS cubes and perform a variety of calculations and visualizations. This book has provided a comprehensive guide to writing DMX queries for SSAS 2008. By following the best practices outlined in this book, you can write efficient and effective DMX queries that will help you get the most out of your SSAS data.

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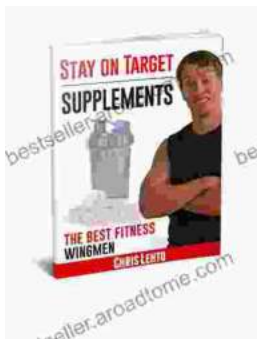


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