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   Titolo   MDX with Microsoft SQL server 2008 R2 analysis services [[electronic resource]] : cookbook : 80 recipes for enriching your business intelligence solutions with high-performance MDX calculations and flexible MDX queries / / Tomislav Piasevoli

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   Descrizione fisica 1 online resource (480 p.)

   Collana   Quick answers to common problems

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   Soggetti   MDX (Computer program language)
                      Business intelligence
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   Nota di contenuto Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1:Elementary MDX Techniques; Introduction; Skipping axis; Handling division by zero errors; Setting special format for negative, zero and null values; Applying conditional formatting on calculations; Setting default member of a hierarchy in MDX script; Implementing NOT IN set logic; Implementing logical OR on members from different hierarchies; Iterating on a set in order to reduce it; Iterating on a set in order to create a new one; Iterating on a set using recursion
                      Dissecting and debugging MDX queriesUsing NON_EMPTY_BEHAVIOR; Optimizing MDX queries using the NonEmpty() function; Implementing logical AND on members from the same hierarchy; Chapter 2:Working with Time; Introduction; Calculating the YTD (Year-To-Date) value; Calculating the YoY (Year-over-Year) growth (parallel periods); Calculating moving averages; Finding the last date with data; Getting values on the last date with data; Hiding calculation values on future

dates; Calculating today's date using the string functions; Calculating today's date using the MemberValue function

Calculating today's date using an attribute hierarchyCalculating the difference between two dates; Calculating the difference between two times; Calculating parallel periods for multiple dates in a set; Calculating parallel periods for multiple dates in slicer; Chapter 3: Concise Reporting; Introduction; Isolating the best N members in a set; Isolating the worst N members in a set; Identifying the best/worst members for each member of another hierarchy; Displaying few important members, others as a single row, and the total at the end; Combining two hierarchies into one

Finding the name of a child with the best/worst valueHighlighting siblings with the best/worst worst value; Implementing bubble-up exceptions; Chapter 4:Navigation; Introduction; Detecting a particular member in a hierarchy; Detecting the root member; Detecting members on the same branch; Finding related members in the same dimension; Finding related members in another dimension; Calculating various percentages; Calculating various averages; Calculating various ranks; Chapter 5:Business Analytics; Introduction; Forecasting using the linear regression; Forecasting using the periodic cycles

Allocating the non-allocated company expenses to departmentsCalculating the number of days from the last sales to identify the slow-moving goods; Analyzing fluctuation of customers; Implementing the ABC analysis; Chapter 6:When MDX is Not Enough; Introduction; Using a new attribute to separate members on a level; Using a distinct count measure to implement histograms over existinghierarchies; Using a dummy dimension to implement histograms over non-existing hierarchies; Creating a physical measure as a placeholder for MDX assignments; Using a new dimension to calculate the most frequent price

Using a utility dimension to implement flexible display units

Sommario/riassunto	More than 80 recipes for enriching your Business Intelligence solutions with high-performance MDX calculations and flexible MDX queries in this book and eBook