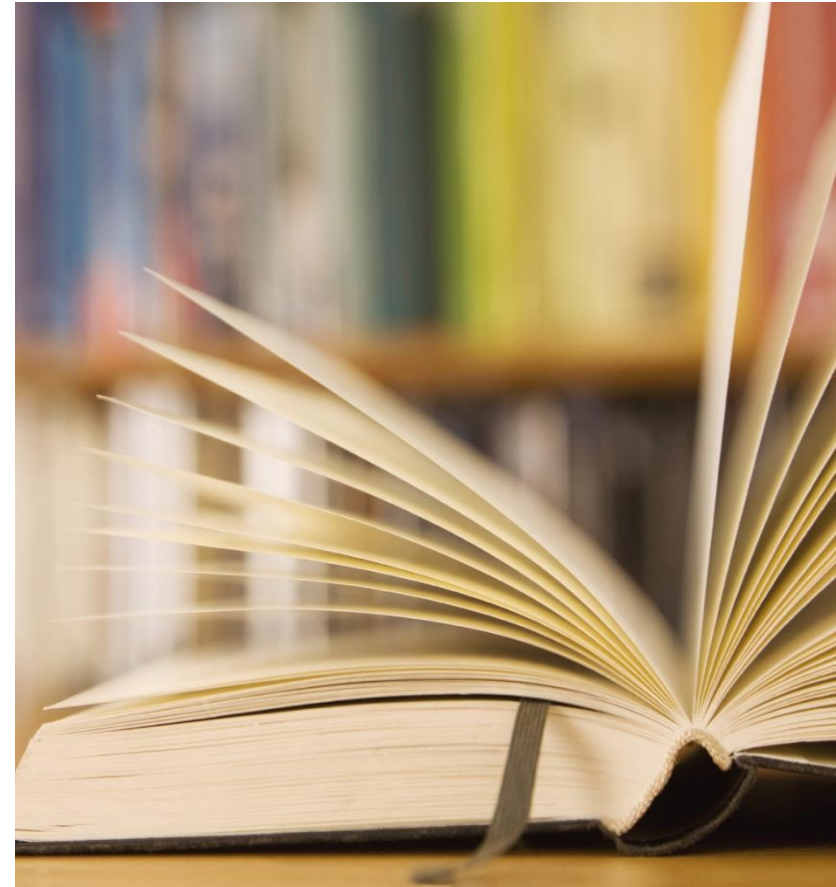


DAX

Data Analysis Expression (Course Curriculum)



Amit Sharma (Founder, B.Tech – CS, Microsoft Certified Professional)

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Syllabus & Course Outline

Course Name	Advanced DAX (Data Analysis Expression)
Duration	Weekend (5-6 weekends, 30-30hrs)
Delivery Mode	Classroom/Online
Key Features	Lab/Workshop Sessions, Demo Interview Sessions, Job Assistance Group
Training kit	Welcome kit, Course related software, Notes, Practice questions, & Others

DAX (Data Analysis Expression) Training is for professionals who are looking forward to learn dax at advance level. This training will help students to gain a solid understanding of DAX.

DAX – Data Analysis Expression

Introduction to DAX

- Operators

- Relationships

- Context (Filter Context & Row Context)

Aggregated Functions

- Sum/SumX, Min/MinX, Max/MaxX, Average/AverageX

- , Count/CountX, CountA, CountRows, CountBlanks, DistinctCount, DistinctCountNoBlank

- Product/ProductX

Information Function

- Contains, ContainsRow, ContainsString, ContainsStringExact

- HasOneFilter, HasOneValue

- IsBlank, IsAfter, IsCrossfiltered, IsEmpty, IsError, IsEven, IsOdd, IsOnorAfter, IsText, IsSubtotal

- UserPrincipalName

Date/Time Function

- Calendar/CalendarAuto

- Date/Time/Day/Month/Year/YearFrac/Quarter/Hour/Minute

- DateValue. DateDiff, EoMonth, Edate, Today/Now/Networkdays

DAX – Data Analysis Expression

Time Intelligence Functions

- DateAdd, DatesBetween, DatesInPeriod, ParallelPeriod, SamePeriodLastYear
- DatesMTD, DatesQTD, DatesYTD
- TotalMTD, TotalQTD, TotalYTD
- EndOfMonth, EndOfQuarter, EndOfYear
- , StartOfMonth, StartOfQuarter, StartOfYear
- FirstDate, LastDate
- FirstNonBlank, FirstNonBlankValue, LastNonBlank, LastNonBlankValue
- NextDay, NextMonth, NextQuarter, NextYear
- PreviousDay, PreviousMonth, PreviousQuarter, PreviousYear

Logical Function

- AND/OR, Coalesce
- If, IfError
- Not, Switch, True/False

DAX – Data Analysis Expression

Filter Functions

- All, AllExcept, AllSelected, AllCrossfiltered

- Calculate, CalculateTable

- Filter, KeepFilters, RemoveFilters

- LookupValues, SelectedValues

- Index, Offset, Order By, Partition By, Window

Math & Trig Functions

- Abs, Power/SQRT, Rand/RandBetween

- Round, RoundUp, RoundDown

Table Manipulation Functions

- AddColumns / SelectColumns, CrossJoin, CurrentGroup

- DataTable/Row, Distinct, Except/Intersect/Union, Generate/GenerateSeries/GenerateAll

- GroupBY/Summarize, NaturalInnerJoin/NaturalLeftOuterJoin

- Rollup/RollupGroup, TopN, Values, TreatAS

DAX – Data Analysis Expression

Text Functions

- Concatenate/Concatenatex, Exact, Find, Format
- LEFT/Right/Mid, Lower/Upper, LEN
- Replace / Substitute, TRIM, UNICODE / UNICHAR

Relationship Management Function

- CrossFilter, Related/RelatedTable, UseRelationship

Parent Child Functions

- Path, PathContains, PathItem, PathItemReverse, PathLength

Statistical Function

- Median, Percentile.Exc / Percentile.Inc, PercentileX.Exc / PercentileX.Inc
- STDEV.P / STDEV.S, STDEVX.P / STDEVX.Sx
- VAR.P / VAR.S, VARX.P / VARX.S

Other Functions

- Blank, Earlier, EvaluateAndLog, ToCSV, ToJSON

THANK YOU!!!

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