

# index

---

## A

AAD *See* Azure Active Directory  
access token 502  
ACE OLE DB provider 236  
active relationships 250  
ADAL 471  
Admin Portal 69, 378  
aggregation hits 188  
aggregation table 186  
aggregations 185  
AI Transforms 369  
alerts 21, 109, 113, 131  
    in Power BI Mobile 136  
ALL function 274, 287  
ALLEXCEPT function 274  
ALNOBLANKROW function 274  
Always On 167  
Analysis Services  
    connecting to 66, 155  
    importing data from 177  
    integrating with Power BI 443  
analytical features 259  
Analytics tab 79  
Analyze in Excel 51, 104, 383, 410  
    for drilling through 316  
Android native app 131  
animation 526  
annotations 25, 143  
anomaly detection 347  
app owns data 506  
application registration 471  
apps  
    creating 396  
    navigation 396  
    removing 399  
AppSource 35, 37, 62, 79, 398  
ArcGIS 85, 383  
Area Chart 81  
attributes 148  
auditing 384  
auto recovery 162  
AutoComplete 273  
Automated Machine Learning *See*  
    AutoML  
AutoML 24  
    evaluating 359  
    training 358  
auto-scale 419

AVERAGEX function 273  
Azure Active Directory 29, 46  
    external users 402  
Azure Analysis Services 53  
Azure Cognitive Services 368  
Azure Data Catalog 11  
Azure Data Factory 11  
Azure DevOps 368  
Azure Event Hubs 456  
Azure Kubernetes Service 367  
Azure Machine Learning 8, 12, 36, 363  
Azure Management Portal 473  
Azure Map 84  
Azure Private Link 384  
Azure SQL Data Warehouse 31  
Azure SQL Database 53  
Azure Stream Analytics 11, 456, 457  
Azure Synapse Analytics 53  
Azure Table Storage 11  
Azure Traffic Manager 29  
AzureML 363, 368

## B

B2B 401  
B2C 401  
Bar Chart 81, 94  
barcodes 134  
Basic Map 85  
BI Center of Excellence 413  
BI pro 35  
bidirectional relationships 153  
Binary data type 235  
binary prediction 355  
binning 320  
BISM 439  
bitness considerations 158  
bookmarks 71, 331  
    personal 101  
Bookmarks pane 164, 331, 333  
branding 380  
Build permission 410  
Bullet Chart 91  
business intelligence 1  
business user 32

## C

CALCULATE function 274, 275, 287  
calculated columns

    and row context 267  
    implementing 278  
    introducing 267  
    storage 267  
    when to use 268  
calculated tables 277  
CALCULATE function 274  
CALENDAR function 150  
CALENDARAUCTION function 150  
calendars 386  
Canvas 37  
Canvas apps 335  
Capacity Admins 425  
Capacity Assignment 425  
capacity nodes 416  
Capacity settings 425  
capacity utilization 426  
capacity workloads 426  
CDM folders 224  
certified datasets 382, 408  
certified entities 221  
chromeless mode 51  
cloud services 52  
Clustered Bar Chart 81  
Clustered Column Chart 81  
clustering 343  
collaborative features 386  
Column Chart 81, 94, 96  
column from examples 196, 205  
columns  
    hiding 237  
    referencing in DAX 272  
    removing 237  
    renaming 237  
    resizing 236  
    sorting 238  
columnstore index 7  
columnstore indexes 154  
Combination Chart 82  
Combo Chart 96  
comments 70, 73, 110, 115  
    in Power BI Mobile 142  
Common Data Model 219, 335  
community 164  
composite models 34, 181  
compute target 365  
computed entity 222  
conditional access 376  
conditional formatting 84, 322

- confidential data 413
- consulting services 165
- Content Delivery Network 29
- content packs 51
- conversations *See* comments
- correlations 98
- Cosmos DB 11
- Cost-Benefit Analysis chart 360
- COUNT function 273, 274
- COUNTA function 274
- COUNTAX function 273, 274
- COUNTBLANK function 274
- COUNTROWS function 274
- COUNTX function 274
- Create Relationship window 253
- cross filter direction 254
- cross filtering 152, 251
- cross highlighting 19
- Crosstab report 309
- CSS 517
- CSV 73
- CSV files 175
- Cumulative Gains chart 360
- Currency data type 235
- custom apps
  - permissions 473
  - registering 499
  - registering in Azure 473
- custom columns
  - adding in query 205
  - in Query Editor 195
- custom connectors 166
- custom page sizes 71
- custom sorting 233, 238
- custom visuals 34, 37
  - capabilities 527
  - certified 383
  - debugging 522
  - enabling 383
  - host integration 514
  - importing 79, 531
  - packaging 529
  - publishing 530
  - understanding 90, 513
- CustomData 403
- D**
- D3.js 37, 517
- Daily Usage report 420
- dashboards
  - actions 59
  - API 464
  - creating 59
  - defined 59
  - distributing 60
  - duplicating 114
  - featured 47
  - in Power BI portal 49
  - mobile viewing 135
  - options for creating 118
  - sharing 116, 136
  - sharing in Power BI Mobile 143
  - tagging 411
  - understanding 108
  - working with 124
- Data Analysis Expressions 440
- data analyst 33
- data bars 322
- data categories 262
- data classification 383, 411
- data collation 233
- data connectors 38
- data entry form 336
- data frames 352
- data governance 408
- data import API 466
- Data Lake 224
- data mart 439
- Data Mining add-in 8
- data models
  - publishing 160
  - understanding 147
- data point table 315
- data profiling 197
- data refresh 393
- data region 374
- data security 294
  - and embedding 510
  - and workspaces 391
  - testing 297
- data sources
  - managing 436
  - settings 239
  - types of access 53
- data staging 221
- data storytelling 327
- data types 235
  - reason for changing 236
- Data View 231
- data warehouse 439
- data warehousing 36, 41
- Data-driven Documents *See* D3.js
- dataflow entities 222
- dataflows 427
  - connecting to 227
  - enabling 384
  - exporting 227
  - introduced 21
  - settings 380
  - storage 223
  - used for AutoML 355
  - when to use 221
- DataRoles 527
- dataset caching 23
- datasets
  - actions 54
  - creating programmatically 477
  - definitions 462
  - deleting 55
  - Gen2 refreshes 419
  - understanding 52
- Dataverse 220
- DataGridView object 524
- DataGridViewMappings 527
- Datazen 12
- Date data type 235
- date tables
  - autogenerated 264
  - creating with Power Query 214
  - importing 173
  - understanding 150
- DATEADD function 277
- DATESBETWEEN function 277
- DATESINPERIOD function 277
- DATESMTD function 277
- DATESQTD function 277
- DATESYTD function 277
- DAX 266, 440
  - functions 273
  - operators 272
  - understanding 266
- DAX Studio 164, 286
- DAXMD 155
- Decimal Number data type 235
- Decision Tree 365
- Decomposition Tree 88, 346
- default aggregation 263
- defaultRetentionPolicy 466
- denormalization 149
- deployment pipelines 24, 423
- descriptive analytics 3
- diagram view 227
- dimensions 41, 149
- DirectQuery 154, 440, 441
  - and Tabular 189
  - limitations 184
- DirSync 373
- display folders 263
- distinct count 187
- DISTINCT function 274, 275
- DISTINCTCOUNT function 274
- distribution lists 377
- DIVIDE function 287
- DNS Service 29
- Doughnut Chart 83
- drilldown 75
- drilling across 314
- drilling down 77, 306, 313
- drilling through 60, 109, 126, 136, 315
- drillthrough 57, 77

- filters 316
  - pages for 316
- dual storage 183
- duplicating pages 78
- Duration data type 235
- dynamic data security 299
- Dynamic Management Views 286
- Dynamics CRM 19, 32

## E

- EARLIER function 274
- EARLIEST function 274
- Edit Interactions 308
- Editing View 76
- effective identity 511
- EffectiveUserName 433, 444
- embed codes 51, 69, 380
- embed configuration 490
- embed token 509
- embedded capacity 483
- embedding reports 37
- encrypted connections 161, 168
- endorsing datasets 408
- Enter Data 180
- enumerateObjectInstances 528
- error handling 207
- Esri 85
- ETL 41, 42, 192
- Excel
  - connecting to 102
- Excel data types 410
- Excel files
  - importing 63, 173
  - reporting options 105
- Excel Online 140
- Excel reports 67
  - in Power BI Mobile 140
- ExecutionLog 437
- experiments 366
- explain increase/decrease 74, 340
- explicit measures
  - implementing 286
  - introducing 269
- exporting data 75
- external sharing 401
- external tools 164

## F

- fact tables 41, 148
- favorites 71, 115, 134
- featured tables 410
- features in ML 356
- fields 148
  - adding to reports 80
  - and icons 80
- Fields pane 79

- Filled Map 85
- FILTER function 274, 275
- filtering data 203
  - in Data View 234
- filters
  - compared to slicers 312
  - hiding 313
  - locking 313
- Filters pane 71, 140
- Find anomalies 348
- fixed-length files 176
- Flow 38
- focus mode 110, 310
- forecasting 79, 341
- foreign key 151
- Format Painter 162
- formatting columns 236
- Forms Authentication 506
- formula bar
  - in Data View 272
  - in Query Editor 200
- fully-additive measures 294
- Funnel Chart 83

## G

- gateway 36, 53, 154
  - comparing 403
  - defined 54
  - installing 404
  - standard vs personal 403
  - using 407
- Gateway Role 30
- Gauge 86
- GDPR 44
- general classification 355
- geo fields 80
- Geo filter 139
- Geoflow 9
- Geography data type 235
- GeoJSON 85
- Get Datasets API 493
- Get Groups API 489
- Get Reports API 494
- Get Tiles API 489
- ggplot2 349
- global search 47, 383
- GlobeMap 9, 18
- Google Analytics 19, 32, 54, 62
- gridlines 77, 164
- grouping data 318
- grouping items 308

## H

- HDInsight 11, 53
- hierarchies 260, 261
- HTML5 24

- HTTP verbs 463
- hybrid BI solutions 36

## I

- image areas 326
- images 325
  - in database 326
- implicit measures 269
  - implementing 282
- implicit relationships 441
- importing data 53, 153
  - filtering 171
  - from relational databases 169
  - from text files 175
  - from Web 179
- inactive relationships 251, 257
- incremental refresh 227, 244
- individual subscriptions 123, 433
- inference pipeline 366
- in-focus mode 72
- information protection 382
- in-line date hierarchies 261
- Inner Join 209
- interactions 72
- interactive data analysis 441
- interactive features 19, 73
  - in native apps 138
- interactive highlighting 72
- Internet of Things 36, 452
- iOS 24
- iOS native app 130
- IoT *See* Internet of Things
- iPad 130
- iPhone 130
- IVisual interface 515

## J

- JavaScript Object Notation *See* JSON
- JSON 163, 219, 224, 227

## K

- Kerberos 407
- key columns 151
- Key Influencers 88, 344
- key metrics 47
- KPI 86, 177

## L

- large datasets 23, 389, 443
- LASTNONBLANK function 294
- Left Outer Join 209
- licenses 375
- lift chart 360
- Line Chart 81
- lineage view 60

linguistic schema 163, 330  
linked entity 222  
links 321  
live connections 18, 31, 48, 53, 65  
locking objects 164  
logo 305  
lookup tables 149  
LOOKUPVALUE function 274, 275,  
292, 300

## M

M 198  
M language 38, 194  
mail-enabled groups 377  
Many-to-Many cardinality 249  
many-to-many relationships 293  
Map 309  
Map Shaper 85  
Map visual 309  
maps 84  
Marketo 19  
Master Data Services 11  
Matrix visual 84, 96, 308  
MAX function 273  
MAXX function 273  
MDX 177, 440  
measures  
implicit vs. explicit 269  
introducing 269  
vs. calculated columns 269  
when to use? 270  
Microsoft Data Platform 11  
Microsoft Store 158  
Microsoft Teams 52, 70, 73, 126  
Microsoft.Identity.Web 471  
MIN function 273  
MINX function 273  
ML Designer 363  
mobile reports 141  
Model View 255  
Model-driven apps 335  
MOLAP 440  
MSAL 471  
Multi Row Card 87  
Multidimensional 439  
multidimensional cubes 41  
Multidimensional Expressions 440  
multifactor authentication 375  
multi-geo support 24  
My Workspace 48, 386

## N

naming conventions 231  
narratives 330  
natural questions 120  
navigation links 262

Navigator window 168  
Node.js 519  
NoSQL 11  
Notification center 51, 132

## O

OAuth  
for native clients 470  
for web apps 469  
implementing 476  
parties 469  
three-leg flow 469  
understanding 468  
OAuth2 37  
ODBC 166  
ODS 439  
Office 365 9, 44  
Office 365 Application Launcher 50  
Office 365 groups 377  
On premises Gateway 65, 155  
and SSAS 444  
configuring 405  
mapping users 445  
OneDrive 54, 65, 102  
OneDrive for Business 180  
one-to-many cardinality 151  
one-to-one cardinality 151  
operators 272  
Oracle 166  
organization visuals 380  
organizational apps 20, 48, 134, 382  
rights 397  
understanding 395  
organizational BI 3  
challenges 42  
classic architecture 40  
classic solution 438  
vs. personal BI 442  
outliers 98

## P

page render 417, 484  
page-level filter 80  
paginated reports 23, 122, 427, 448  
pandas 353  
PARALLELPERIOD function 277  
parent-child relationships 291  
partner showcase 165  
password policy 375  
PATH function 292  
PATHCONTAINS function 300  
PATHITEM function 292  
pbiviz tool 519  
pbix file 18  
PDF 69  
Performance analyzer 164, 289

Performance inspector 114  
persistent filters 57  
personal gateway  
configuring 393  
personalizing visuals 100  
phone layout 139, 163  
Phone View 115  
phone-optimized view 137  
Pie Chart 83, 137, 310  
pinning report items 433  
pinning reports 119  
pinning visualizations 119  
pipeline 365  
Power Apps 89  
introduced 12  
Power Apps visual 335  
Power Automate 12  
Power BI  
browser support 129  
data security 30  
design tenets 10  
problems it solves 9  
product line 5  
role in Microsoft BI 12  
signing up 44  
Power BI admin 379  
Power BI dataflows 224  
Power BI Desktop  
availability 158  
compared with Excel 17  
defined 16  
downloading 51  
features 16  
for Power BI Report Server 432  
importing from Excel 18  
introduced 4  
updating 162  
Power BI Developer Center 37, 466  
Power BI editions 51  
Power BI Embedded  
capacities 425  
features 26  
getting started 483  
introduced 4  
introduced 4  
licensing 27  
Power BI for Office 365 9  
Power BI Free 13  
Power BI Mobile 33  
defined 24  
downloading 51  
features 25  
introduced 4  
Power BI portal 46  
Power BI Premium 14  
calculator 14  
Gen2 418

- introduced 4
- managing 424
- understanding 22, 415
- Power BI Pro 14
- Power BI Report Server 67
  - in Power BI Mobile 133
  - introduced 4
  - licensing 431
  - pinning items 122
  - understanding 27, 429
- Power BI Service
  - architecture 29
  - defined 4
- Power BI visuals gallery 530
- Power Map 9
- Power Pivot 6, 17
- Power Platform 12
- Power Query 8, 16, 192
- Power View 7, 17
- Power Virtual Agents 12
- PowerApps 38
  - integrating with Power BI 335
  - understanding 334
- PowerShell 479
- PPU *See* Premium per User
- precision 359
- predictive analytics 3, 340
- predictive experiment 3
- predictive features 3
- predictive solutions 36
- premium capacity 22, 416
- Premium per User 14
- Premium Per User 418
- premium workspaces 420
- prescriptive analytics 3
- preview features 162
- primary key 151, 249
- probability threshold 359
- protecting data 412
- publish to web 69, 382
- publishing content 395
- PubNub 453
- push datasets 466
- Python 8, 88, 195, 353

**Q**

- Q&A 20, 51, 135, 163, 328
  - disabling 115
  - embedding 492
  - for creating dashboards 60, 120
  - in Power BI Desktop 162
  - review questions 384
  - tuning 121, 330
  - working with 125
- Q&A Explorer 329
- QR Code

- Quick Response Code 111
- quantitative scaling 525
- queries
  - appending 210
  - defined 154
  - disabling load 194
  - disabling refresh 194
  - merging 207
- query caching 422
- query diagnostics 198
- Query Editor 169, 170
  - understanding 192
- query folding 201, 246
- query functions 211
- query parameters 194, 245
  - creating 216
  - dynamic 216
- query reduction 162
- Quick Insights 55, 109, 111
  - adding to dashboard 121
  - in Power BI Desktop 340
  - working with 98
- quick measures 34, 285
- Quick Response Code 111
- quick styles 84

**R**

- R 8, 88, 349
  - data shaping with 195
- ranking functions 277
- RANKX function 282
- Reading View 57, 68
- real-time BI 36, 452
- real-time dashboards 458
- real-time endpoint 366
- real-time tile 454
- recent sources 162, 241
- recents 47, 134
- refresh plan 437
- refresh policy 246
- refreshing data 53, 54, 242
- regression 356
- RELATED function 274, 281
- related insights 112
- RELATEDTABLE function 274, 281
- relationship cardinality 254
- relationships
  - auto-detecting 251
  - auto-discovering 201
  - cardinality 151
  - changing to inactive 257
  - creating in Data View 253
  - creating in Relationships View 257
  - detecting 151
  - introduced 150
  - limitations 249

- managing 255, 257
- redundant paths 151
- rules 249
  - strong and weak 184
  - understanding 248
- reply URL 470
- Report Builder 12, 450
- report pages 68
- Report View 159
- Report Viewer control 430
- Reporting Services reports 67
- reports
  - actions 56
  - API 466
  - copying 69
  - defined 56
  - distributing 58
  - filtering by URL 497
  - importing 58
  - options for creating 58
  - pinning 70
  - types of 67
  - working with 93
- ReportServer database 432
- ReportServerTempDB 432
- resharing dashboards 117
- REST 461
- REST APIs 37
  - enabling 384
  - testing 466
- Revolution Analytics 350
- Ribbon Chart 81
- RLS 191
- ROC curve 360
- ROLAP 440
- role membership 296
- role-playing relationships 249, 257
  - implementing 290
- roles
  - creating 297
  - testing 300
- root cause analysis 97
- row context 267
- row labels 330
- row-level security 163, 294, 298, 391
- RStudio 350

**S**

- Salesforce 19, 32, 225
- SAMEPERIODLASTYEAR 277
- samples 49, 165
- scalability 442
- Scatter Chart 82, 137
- scheduled refresh 395
- scoring 356
- seasonality 98, 342

- security groups 378
- security policies 300
- See Records 77
- segmentation 343, 345
- SELECTEDVALUE function 218
- Selection pane 164, 332
- self-service BI 1
  - benefits 43
  - cautions 43
  - understanding 40
  - vs. organizational BI 442
- self-service data models 34
- semantic model 439
- semi-additive measures 294
- sensitivity labels 59, 115, 412
- sentiment analysis 456
- service principal 506
- Shape charts 83
- Shape Map 85
- ShapeMap 84
- shapes 78
- shared capacity 22, 416
- shared datasets 410
- SharePoint Online 54, 65, 102
- SharePoint Server 7
- sharing
  - items 13, 33
  - options 20
  - with Power BI Mobile 25
- sharing options 399
- show value as 285
- Single Card 87, 307
- Siri shortcuts 136
- Sketch Tool 132
- Slicer 87, 119
- slicers
  - synchronizing 311
  - with dates 310
- small multiples 307
- smart narratives 89
- snapping to grid 77
- Snowflake 383
- snowflake schema 149
- sorting 84
- sorting data
  - in Data View 232
- Spark 31, 53
- sparkline 523
- Spotlight 333
- spreadmarts 43
- SQL Server Data Tools 450
- SQL Server Mobile Report Publisher 433
- SQL Server Profiler 447
- SSO** 406, 407
- SSRS 179
  - importing from reports 179

- KPIs 141
  - limitations for Power BI 433
- Stacked Bar Chart 81, 306
- Stacked Column Chart 81
- star schema 148
- STDEV.P function 274
- STDEV.S function 274
- STDEVX.P function 274
- STDEVX.S function 274
- steady share 98
- stepped layout 314
- storage limits 51
- stored credentials 436
- stored procedures 167
- streaming API 452
- streaming datasets 452
- subscriptions 21, 70, 99, 115
  - creating 91
  - enabling 382
  - limitations 93
- SUM function 273, 294
- SUMX function 273, 281, 282
- SVG 37
- Sync slicers 164
- synonyms 121, 257
- Synoptic Panel 326

## T

- table columns 232
- table filters 295
- Table visual 84, 308
- tables
  - importing 241
  - renaming 238
  - understanding 231
- Tabular 439
  - role in Power BI 30
- Tabular models 41
- team BI 2, 35
- template apps 19, 61, 383, 384
- templates 160
- tenant 46
- tenant settings 381
- text boxes 77
- Text data type 235
- themes 163
- tile flow 59, 108
- tiles
  - embedding 488
  - refreshing 115
  - understanding 108
  - working with 124
- Time data type 235
- time dimension 261
- time intelligence functions 276
- time series forecasting 341, 351

- time series insights 98
- tooltip page 318
- tooltips 317
  - custom visuals 528
- top N filtering 72
- TopoJSON 85
- TOTALYTD function 288
- transactional reports 41
- transforming data 202
- Treemap 83, 97
- TRUE/FALSE data type 235
- Twitter 456
- type definitions 520
- TypeScript 37, 516

## U

- Universal Principal Name 445
- unknown member 255
- unmanaged tenant 373
- unpivoting columns 204
- URL 114
- usage metrics 115, 379
- user owns data 498
- USERRELATIONSHIP 274, 291
- USERNAME function 299
- USERPRINCIPALNAME 299, 403

## V

- VALUES function 274
- VAR.P function 274
- VAR.S function 274
- VARX.P function 274
- VARX.S function 274
- v-cores 416
- VertiPaq 153
- Viewer role 391
- viewers 421
- Visio diagrams 327
- visual header 57, 72
- visual Interactions 78
- VisualInitOptions 524
- visualizations
  - best practices 81
  - formatting 79
  - types of 81
- Visualizations pane 78
- visual-level filter 80
- visuals
  - copying 382

## W

- web application proxy 433
- Web URL 325
- Web URL category 322
- Web view 115

WebGL 37  
whoami 445  
Whole Number data type 235  
Windows credentials 168  
Windows native app 131  
workspaces 47  
    and Power BI Embedded 486  
    block creation 381  
    bulk assignments 428

comparing v1 and v2 387  
creating 388  
for Power BI Embedded 487  
individual assignments 428  
introduced 20  
limitations 388  
list of 380  
moving to capacity 427  
understanding 386

writeback 336

## **X**

XMLA endpoint 23, 247  
xVelocity 7, 153, 440

## **Y**













YTD calculations 288

SAMPLE

# Increase your BI IQ!

Prologika offer consulting, implementation, and training services that deliver immediate results and great business value. Check our services, case studies, and training catalog at <https://prologika.com> and contact us today to improve and modernize your data analytics at [info@prologika.com](mailto:info@prologika.com).

Currently, we offer these training courses (learn more at <https://prologika.com/training>):

 <p><b>Applied Power BI</b></p> <p>Power BI is a cloud-based business analytics service that gives you a single view of your most critical business data. Monitor the health of your business using a live dashboard,...</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied DAX with Power BI</b></p> <p>Power BI promotes rapid personal BI for essential data exploration and analysis. Chances are, however, that in real life you might need to go beyond just simple aggregations...</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied BI Semantic Model (Tabular and Multidimensional)</b></p> <p>Targeting BI developers, this intensive 5-day class is designed to help you become proficient with Analysis Services Tabular and Multidimensional...</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied Microsoft Visualization Tools</b></p> <p>Reporting is an essential feature of every business intelligence solution. One way to extract and disseminate the wealth of information is to author Reporting Services standard reports,...</p> <p><a href="#">Learn More &gt;&gt;</a></p>
 <p><b>Applied SQL Server Fundamentals</b></p> <p>This 2-day instructor led course provides you with the necessary skills to query Microsoft SQL Server databases with Transact-SQL. It teaches novice users how to query data stored in SQL Server data structures.</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied MS BI End-to-End</b></p> <p>This four-day class is designed to help you become proficient with the Microsoft BI toolset and acquire skills to implement an end-to-end organizational BI solution, including data warehouse, ETL processes, and a semantic model.</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied SQL Server Reporting Services</b></p> <p>This intensive 4-day class is designed to help you become proficient with Microsoft SQL Server Reporting Services and acquire the necessary skills to author, manage, and deliver reports.</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied Master Data Management and Data Quality</b></p> <p>Organizations that invest in master data management and improving the quality of their informational assets will be best positioned to reap ...</p> <p><a href="#">Learn More &gt;&gt;</a></p>
 <p><b>Applied SQL Server Analysis Services (Multidimensional)</b></p> <p>This intensive 4-day class is designed to help you become proficient with Analysis Services (Multidimensional) and acquire the necessary skills to implement OLAP and data mining solutions.</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied Excel and Analysis Services</b></p> <p>This 1-day class is designed to help business users become proficient with using the Excel BI features to analyze corporate data in Analysis Services Multidimensional cubes or Tabular models.</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Applied Power BI with Excel</b></p> <p>Power BI is a suite of products for personal business intelligence (BI). It brings the power of Microsoft's Business Intelligence platform to business users. At the same time, Power BI lets IT monitor and manage published...</p> <p><a href="#">Learn More &gt;&gt;</a></p>	 <p><b>Customized Classes</b></p>