

## KEYWORD INDEX

### - A -

ACCESS 176  
Adjacent values 720  
ADO 114  
Animation 358, 437  
API 170  
ActiveX 451  
Adobe Acrobat 811  
Analytic tools 736  
AppDev 510  
AppDev Studio 402  
Appendix Numbers 315  
Application Development 160, 320, 370  
Array 260  
Attribute table 170  
Attrition 768  
Autocall 92  
Automate 444  
Automated scan 317

### - B -

BASE SAS 497, 528, 820  
Binomial 690  
Boolean logic 223  
Buffer 338  
Bygroup processing 327

### - C -

CGI 187  
CNTLIN 343  
CONNECT 176  
Cummulative totals 20  
Call Execute 283  
Call Execute 663  
Call SYMPUT 293  
Casualty Insurance, applications to 239  
Categorical data analysis 758  
Cell Index 711  
Character functions 206  
Chemicals 393

Clinical data 576  
Clinical trial data 383  
Clinical Trials 579  
Clinical Trials Reporting 315  
Closure 133  
Code templates 386  
Color 347  
Comma-delimited 362  
Communication 798  
Community 716  
Comparison operators 307  
Complex design 687  
Complex surveys 727  
Confidence interval 690  
Connect 16  
Connection objects 114  
Control, program 133  
Conventions 838  
Correlation 658  
Counties 477  
Coverage probability 690  
Cpu time 121  
Creativity 557  
Cross-platform 176  
Customers 137  
Cutpoint 777

### - D -

DASD 646  
Data 393  
DATA\_NULL\_ 267, 444  
Data analysis 631  
Data Driven Applications 320  
Data Marts, construction of 82  
Data mining 526  
Data review 52, 798  
Data sharing 798  
Data sources 114  
Data step 9, 223, 335  
Data transfer 331  
Data warehouse 383

Database 675  
Date functions 335  
Dates 335, 597  
DDE 420, 467, 668  
Debugging 249  
Dictionary Coding 579  
Dictionary files 349  
Dim 260  
DLL 170  
Documentation 811  
Drill 646  
Drilldown 460  
Drill-Down Links 415  
Dynamic 187  
Dynamic reporting 176

### - E -

E-mail 195  
EDA + (EDA Plus) 429  
Efficiency 697  
Efficiency in programming 223  
Electronic data submissions 576  
Enterprise Guide 233, 520  
Enterprise Miner 526  
Environment 393  
Error messages 3  
Errors 321  
Estimations 145, 792  
Exact interval 690  
Excel 321, 467, 668  
Exception report 52  
Explore 393  
Exploratory Data Analysis (EDA) 429  
Extended Common Log Format 409  
External file 679

## KEYWORD INDEX (continued)

### - F -

FDA Guidelines 571  
Federal Highway Administration 758  
FILENAME 340  
FIPS 477  
Forecasting 61, 792  
Format 343  
Format, proc 52  
Formats 276, 307, 320, 349, 355, 597  
Formats and labels, benefits of 239  
Frequencies 619  
FSEDIT 160  
FTP 24, 340, 415

### - G -

Gene 377  
Geography 477  
GIF 668  
GIFANIM 437  
GMAP 358  
Graph 668  
Graphical Presentation 367  
Graphing 484  
Graphs 451, 460  
Guidelines 838

### - H -

Having 504  
HEDIS 335  
Heuristic 792  
HFS 353  
Hot links 460  
HREF 415  
HTML 105, 187, 395, 488, 539, 663, 811, 828  
HTML report 675

### - I -

Imputing 720  
Index 329, 355, 504, 652  
INFILE 9  
Inliers/outliers 429  
Innovation, Creativity 467  
INPUT 9, 338, 602  
Insight 467  
INTCK 345  
Integrated 562  
Interactive graphics 429  
Internet 395  
Internet/Intranet Reporting 367  
INTNX 345  
INTO: 253  
Intranet 370  
IntrNet 187  
Invalid data 267  
Item characteristics curve 682  
Item Response Theory 682

### - J -

Java 451  
Java 484  
Java Bean 629  
JMP 576  
Join 534  
JSP 629

### - L -

Label 362  
Landscape Data and Reports 239  
Large datasets 342  
Line above header 323  
Linear Interpolation 720  
Linux 377, 399  
List 283  
List input 362  
Live/dead graphs 429  
Localization 597  
Logistic regression 727

Longitudinal 768  
Lowcase 329

### - M -

Macro 52, 67, 133, 214, 253, 283, 293, 305, 315, 335, 347, 349, 351, 362, 549, 562, 679, 706  
Macro language 121, 497, 528, 783  
Macro variables 307, 497, 528  
Macro window 386  
Macros 42, 92, 331, 497, 528, 582  
Maps 477  
MedDRA 579  
MERGE 355  
Merge wizards 386  
MFILE 152  
Microsoft Access 141  
Microsoft Word 582  
Missing 635  
Missing Data 635  
MISSOVER 9  
Mixed models 727  
Models 736  
Modular programming 152  
Modulen 170  
MP/CONNECT 845  
MPRINT 152  
Multi-threaded 386  
Multi-way contingency table 758  
Multicollinearity 658  
Multiple platforms 331  
Multiprocessor 845  
MVS 353  
MXG 646

### - N -

NAEP 682  
Naming conventions 214  
NDA 562  
Network 631  
Neural net 526  
New features 137

## KEYWORD INDEX (continued)

- Non-linear Functions 605
- Normal approximation 690
- O -**
- Object Oriented Programming 195
- ODBC 114, 141
- ODS 98, 105, 395, 402, 415, 455, 539, 615, 646
- ODS rtf 420
- OLE DB providers 114
- On-line 393
- Online Documentation 820
- OOP: object-oriented programming 133
- Operating systems 399
- Optimal operating point 777
- Oracle 34
- OS/390 353, 488, 646
- Outliers 52
- Output 539
- Output Delivery System 98, 467
- P -**
- Page break on columns 323
- PAGE option 323
- Parallel cluster 377
- Parsing 3
- Partner 370
- Patient Profile 588
- PDF 539, 811
- PDS/E 488
- Pharmaceutical 383
- Pharmaceuticals 557
- Picture directives 597
- Pipe 663
- Platforms 399
- Power 736
- PowerPoint 347
- Principle components 658
- Printing 92, 615
- Problematic SAS log messages 317
- PROC CONTENTS 320, 679
- PROC COPY 129, 571
- PROC CPORT 571
- PROC DOWNLOAD 639
- PROC FORMAT 342, 697
- PROC FREQ 201, 267, 351
- PROC IML 605
- PROC LOGISTIC 526
- PROC MEANS 270
- PROC MIXED 845
- PROC PRINT 98, 267
- PROC REPORT 7, 20, 42, 98, 201, 323, 325, 420, 711
- PROC SQL 566, 675
- PROC SORT 121
- PROC SUMMARY 467
- PROC SURVEY SELECT 749
- PROC TABULATE 7, 467, 711
- PROC TEMPLATE 98
- PROC UPLOAD 639
- Program efficiency 223
- Programming 76, 557
- Protein 377
- PUT statement 679
- Q -**
- Query 534
- Querying 233
- R -**
- Random Number Generation 783
- Ranuni 652
- Recoding 276
- Records 602
- Recursion 652
- Recyclable code 82
- Regression 526, 727
- Regression model 658
- Regulatory submission 588
- Remote processing 639
- Remote services 331
- REPORT 415
- Reporting 42, 145, 233, 351, 582
- Reports 323, 549
- RESERVEDB1 152
- Retrieving 720
- ROC 777
- Roll up 675
- Row arithmetic techniques 239
- RS-232 24
- RSUBMIT 639
- RTF 539
- Run-time 386
- RXCHANGE 309
- RXMATCH 309
- RXPARSE 309
- RXSUBSTR 309
- S -**
- Sample size 736
- Sampling 145
- Sampling statistics 792
- SAS 629, 631
- SAS 8 615
- SAS Data Steps 605
- SAS Formats 276
- SAS Macro 605
- SAS Macros, Applications of 82
- SAS System Viewer 576
- SAS function 720
- SAS macro 317
- SAS transport files 571
- SAS user support 828
- SAS-L 716
- SAS/ACCESS 24, 34, 321, 566
- SAS/AF 129, 195, 579
- SAS/ASSIST 520
- SAS/CONNECT 34, 129, 311, 313, 331
- SAS/GRAPH 305, 347, 455, 477, 488, 697
- SAS/IntrNet 176, 402
- SAS/ODS 488
- Scan 329
- SCL 160

## KEYWORD INDEX (continued)

Select 534  
Sensitivity 777  
Simple random samples 749  
Simulation 768, 783  
SMP 845  
Socket engine 24  
Special missing values 270, 635  
Specificity 777  
SQL 249, 253, 349, 355, 504, 534  
Standalone Programming 152  
Standard errors 687  
Standards 557, 838  
Statistician 798  
Statistics 367, 549, 582  
Stop 652  
Storage space 121  
Strings 206  
Structured Programming 67  
Style sheet 133  
Style sheet, Writing for Reading SAS 214  
Submission 562  
Subquery 504  
Subroutines, of Data Steps 82  
Subroutines, of SAS Macro Programs 82  
Subscript 260  
Subsetting data 223, 249  
Substr 329  
Supercomputer 377  
Survey data 687  
Survey data analysis 792  
Survey research 145  
Symbol statement 305  
Sysfunc 663

### - T -

Table lookup 355  
Template 215, 455  
TRANSPOSE SAS Procedure 239  
TRUNCOVER 9  
Table of Contents 455

Tables 249, 549  
Tabulate 201  
The Highway Safety Information System 758  
Time 597  
Time series 61  
Tips 92  
Transition 615  
Transport format 576  
Trim 329

### - U -

UNIX 34, 311, 353, 399, 639, 663  
Update 675  
URL access engine 24  
Usability testing 484  
User interface 484  
User support, SAS 828  
User-Defined 549  
USS 353  
Utility 562  
Utilities 92

### - V -

Validation 276  
Variable 362  
Variance Estimation 605  
Vehicle Identification Numbers 467  
Version 6.12 195  
Version 8 137  
Version 9 451, 484  
View 504  
Visual Analysis 768  
Visual Basic 582

### - W -

Web 187, 451, 455, 460, 510, 668  
Web development 510  
Web documents 828  
Web log 409  
Web page design, simple 828  
Web reports 233

Web search 631  
WebAF 510  
WebEIS 510  
Weighting 145  
Win32 170  
Windows 420  
Windows 2000 Advanced Server 845  
Windows client 233  
WordPerfect 444

### - X -

X command 311, 420  
XML 395  
XPORT engine 571