
Dhitos (A unit of Dhitos Digicate Private Limited) is a training, development and consulting organization where we conduct various Job Oriented Practical Training Programs for MIS / Business Analysis / Data Analyst / Business Analytics / Data Scientist / Data Visualization / Data Validation and more on various tools by Industry Experts.

SAS Advanced: Topics Covered

- **Introduction to SQL Statements**
Introduction to SQL, Proc SQL - Quit, Alter Table, Create Table with SQL, Delete, Drop, Insert, Update, Creating Output listing with SQL, Sorting Rows (Order By Clause)
- **Applied SAS Programming Techniques**
Commenting, Data types & variables, Automatic variables, SAS tables/datasets, Descriptor portion of dataset, Data portion of a dataset, Create and manipulate SAS Date values, Export data to create standard and comma-delimited raw data files, Control which observations and variables in a SAS data set are processed and output
- **Accessing Data using SQ**
If Statements, Case Statements, Having v/s Where Clause, Removing Duplicates, Inserting data into Tables, Logical Operators
- **Combining & Joining SAS Datasets**
SQL Joins, Concatenating, Interleaving, Updating, Merging (Match-merge, Left-merge, Right-merge, Inner-merge, Left-outer-merge, Right-outer-merge, Full-outer-merge, Fullmerge), One to one merging, One to many merging, Many to many merging, Proc Append
- **Macro Processing**
Introduction to Macro Language Elements, Macros & Macro Variables, Local v/s Global Variables, Turning on the Macro Processor, User Defined Macro Variables (% Let, Call Symput, Into), Macro Autocall Libraries, How to add Parameters to Macros?, Macros with Conditional Logic
- **Output Delivery System (ODS)**
Fundamentals of ODS, Style & Table Templates, Selecting Procedure Output, Creating SAS Datasets from Procedure Output, Proc Tabulate, HTML Output, RTF Output, Title & Footnote, Adding Traffic Lighting to output
- **Debugging of Errors**
Writing SAS programs that works, Fixing programs that don't work, Searching for the missing semi-colon (;), Lost Card, Invalid Data, Missing Values, Numeric v/s character values, Logical Errors (Wrong result with no errors), Data step debugger, Why SAS stops in the middle of the job

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SAS Advanced: Topics Covered

- **Creating Modular Code with Macros**
Macro Statements, Invoking Macro, Macro Autocall Libratires, SASAUTOS, MAUTOSOURSE, Avoiding Macro Errors, SYMBOLGEN
- **Statistics & Analysis**
Balanced Data v/s Non-Balanced Data, Proc Univariate, Proc Corr, Proc Reg, Procedure GLM, Class Statement, Model Statement, Proc ANOVA
- **Interview Questions & Doubts**
Live Project, Doubt Clearance, Mock Interviews, Interview Question-sets

Course Duration & Fee Structure

Days	Course Duration	Class Duration	Fee (INR)*
Monday to Friday	30 to 35 (Hrs.) / 3 Weeks	2 Hours / Day	13,000/-
Saturday & Sunday	30 to 35 (Hrs.) / 1.5 Months	3 Hours / Day	13,000/-
Sunday Only	30 to 35 (Hrs.) / 2 Months	4 Hours / Day	13,000/-

Go for a combo to avail 10% discount on total fee: (*GST Applicable)

SAS (Statistical Analysis System) is a software suit developed by SAS Institute. This is the most stable tool and preferred by fortune 500 companies for Analytical Solutions. This can take an existing solution and transform it to a very professional one. Now SAS Skills have and edge for an Analytics Career Boost

Best Regards,

Dhitos Consulting Team