IMARTICUS
LEARNING

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CERTIFICATION IN
SAS

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Chennai:
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3rd Floor, Abhinav Building, Congress House Road, Shivaji Nagar, Pune – 411005 **Tel:** 022-61419585

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Plot No.10, Dakshin Marg, DLF Phase-II, Gurgaon - 122008 **Tel:** 0124-4874030

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No.143, B 1st Floor, 60 feet road, 5th Block, Koramangala, Bangalore - 560 095 **Tel:** 080-45129914 / 45129924

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1055, Gowtham Centre, 1st Floor, Avinashi Road, Coimbatore – 641018 **Tel:** +91 9952168073

For Online Delivery inquiries:

1800-267-7679

TOP4
ANALYTICS TRAINING
INSTITUTE IN INDIA

Leading Institute in SAS & Python
Analytics Vidhya

BIG DATA TRAINING INSTITUTE
2016

PRIDE OF INDIAN EDUCATION AWARDS
BEST ONLINE EDUCATION PLATFORM OF THE YEAR

PROGRAM HIGHLIGHTS

COMPREHENSIVE COVERAGE
The program offers comprehensive hands-on understanding of SAS, the market leader in business analytics. You will learn about basics of SAS functions, data manipulation, data summarization, macros, SQL, set operators, arrays, as well as a solid foundation in Statistics and programming tips, along with interview preparation and case study submissions.

INDUSTRY-ALIGNED CURRICULUM
The entire program is extremely practical and hands-on, and endorses the use of live case studies and real-life business problems to deliver experiential learning. The program is designed and taught by experienced industry professionals who have 15+ years of experience in this domain to ensure you learn exactly what the industry demands and requires.

DELIVERY MODES
Choose between three delivery modes: 1) Classroom, 2) Online Instructor-led training, or 3) Self-paced Videos to cater to your preferences while ensuring maximum learning efficacy. The Classroom and Virtual Class formats come with 15 hours of engaging Instructor videos. The third mode, Self-paced Videos, comes with 24 hours of engaging Instructor videos that you can consume at your own pace.

CAREER ASSISTANCE
The Imarticus Careers Assistance Services (CAS) team prepares you to be job-ready from Day 1 through extensive resume building, interview preparation, and group mock interviews to help you land your dream job.

CERTIFICATION
The program thoroughly prepares you to clear two internationally renowned certifications: Base SAS and Advanced SAS from the SAS Institute, which are sure to give you a competitive edge over your peers in the job market.

CERTIFICATION IN SAS

The Certification in SAS program at Imarticus is a comprehensive, short-term program providing you with a thorough understanding of SAS, the world's leading analytics technology platform, for successful careers in Data Analytics.

The program comes with a rigorous industry-aligned curriculum, and is available in three delivery formats to prepare you for Base and Advanced SAS certification exams.

KEY FOCUS AREA

The program provides insights into:
- SAS Programs and Functions
- Creating Datasets
- Accessing, Managing Data
- Restructuring Data Sets
- Macros
- SQL Joins, Operations, Tables, Views
- Data Step Arrays
- Basics of Statistics

#1 MARKET LEADER IN ANALYTICS

The largest independent vendor in the business intelligence market

93% of Fortune 500 companies use SAS

The De facto industry standard for Clinical Data Analysis

INTEGRATED PLATFORM FOR END TO END SOLUTIONS:
SAS provides an integrated set of software products and services and integrated technologies for information management, advanced analytics and reporting.

BUSINESS SOLUTIONS ACROSS DOMAINS AND INDUSTRIES:
Unmatched domain specific industry focused analytics solutions

4 MILLION USERS

80,000+ companies in over 135 countries

Google	Accenture
Genpact	Netflix
Facebook	Twitter
HDFC	RBS
EXL	TCS

ANALYTICS POWERHOUSE

GUI for Quick Learning

Exhaustive Functionality

Extensive Support Community

CURRICULUM

BASE SAS

INTRODUCTION TO SAS AND SAS PROGRAMS	What is SAS? | Key Features | Submitting a SAS Program | SAS Program Syntax | Examining SAS Datasets | Accessing SAS Libraries | Sorting and Grouping | Reporting Data | Using SAS Formats
READING AND MANIPULATING DATA	Reading SAS Datasets | Reading Excel Data | Reading Raw Files | Creating Summary Reports | Combining Datasets
SUMMARIZING DATA	Writing Observations | Writing to Multiple Datasets | Accumulating Total | Creating Accumulating Total | for a Group of Data
DATA TRANSFORMATIONS	Character and Numeric | Functions | Converting Variable Type | Reading Formatted Input | Other SAS Functions
RESTRUCTURING DATASETS	Do Loop Processing | Conditional Do Loop | Processing | SAS Array Processing | Using SAS Arrays
RESUME BUILDING & INTERVIEW PREP	The Why, The What and the How of Resumes | Personal Branding | Tips and Resources | Interview Skills | Using Social Media | CV Discussion | How To Ace The 50 Most Common Interview Questions

ADVANCED SAS

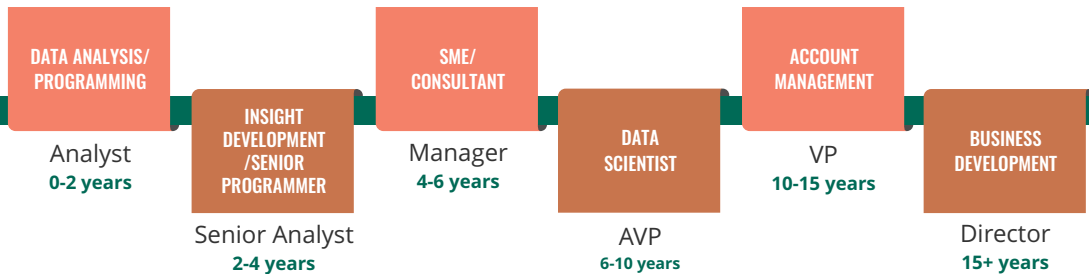|	
INTRODUCTION TO ADVANCED SAS FEATURES	Purpose of the Macro Facility | Program Flow
MACRO VARIABLES	Automatic Macro Variables | User Defined Macro Variables | Macro Variable Reference | Defining and Calling Macros | Macro Parameters | Global and Local Symbol Table
DATA STEP AND SQL INTERFACES	Creating Macro Variables in the Data Step | Creating Macro Variables in SQL | Macro Programs
SQL & BASIC QUERIES	Introduction to SQL | How Does RDBMS Work? | SQL Procedures | Specifying Columns | Specifying Rows | Presenting Data | Summarizing Data
SQL JOINS & SET OPERATORS	Inner Joins | Outer Joins | Complex SQL Joins | The Union | Outer Union | Intersect Operator
CREATING TABLES AND VIEWS	Creating Tables and Views using Proc SQL
MEASURING EFFICIENCIES	Reporting Computer Resource Usage using SAS System Options | Interpreting Resource Usage Statistics in Your Operating Environment | Benchmarking Resource Usage
CONTROLLING I/O PROCESSING AND MEMORY	SAS Data Step Processing | Controlling I/O | Reducing Length of Numeric Variables | Compressing SAS Datasets
ACCESSING OBSERVATIONS	Creating a Sample Dataset | Creating an Index | Using an Index
USING DATA STEP ARRAYS	Introduction to Lookup Techniques | Using One and Multi Dimensional Arrays | Loading a Multidimensional Array using Datset
USING DATA STEP HASH AND HITER OBJECTS	Using Hash Object Methods | Loading a Hash Object using a SAS Dataset | Using Data Step Hiter Object
COMBINING DATA HORIZONTALLY	Data Step Merges and SQL Procedure Joins | Using an Index | Combining Summary and Detailed Data | Combining Data Conditionally | The Expert Format Procedure
MOCK INTERVIEWS - HR AND DOMAIN	1:1 or Panel Mock Interviews with Industry Veterans to Clear the HR and Technical Round of Interviews to Give You Confidence to Face Real World Scenarios

INTERNATIONAL CERTIFICATIONS

The program thoroughly prepares you to clear two internationally renowned certifications:

BASE SAS CERTIFICATION

ADVANCED SAS CERTIFICATION

CAREERS IN ANALYTICS

Career Path

DATA ANALYSIS/ PROGRAMMING		SME/ CONSULTANT		ACCOUNT MANAGEMENT	
Analyst **0-2 years**	INSIGHT DEVELOPMENT /SENIOR PROGRAMMER	Manager **4-6 years**	DATA SCIENTIST	VP **10-15 years**	BUSINESS DEVELOPMENT
	Senior Analyst **2-4 years**		AVP **6-10 years**		Director **15+ years**

Global Firms that hire for Business Analytics

- Genpact
- Infosys
- Target
- Loews
- HSBC
- Fractal
- Cap Gemini
- Accenture
- Wipro Analytics
- Cognizant
- IBM
- HCL
- Citi Bank Analytics
- EXL
- Mu Sigma
- Latent View

AND MANY MORE...

CAREER ASSISTANCE

RESUME BUILDING
Refining and polishing the candidate's resume with insider tips to help them land their dream job

INTERVIEW PREP
Preparing candidates to ace HR and Technical interview rounds with model interview questions and answers

MOCK INTERVIEWS
Preparing candidates to face interview scenarios through 1:1 and panel mock interviews with industry veterans

FACULTY

Arun Upadhyay

Arun has over 14 years experience in Information Technology and has conducted SAS training for Infosys, Wipro, IBM, Genpact, ICICI Bank, Reliance Mutual Fund among others. Arun is a certified, accredited IT professional who has successfully trained more than 10,000 students in different technologies like SAS and R. He has previously worked as a trainer for companies such as Aptech and NIIT and has cleared many international Microsoft certifications such as MCAD, MCPD, MCTS etc. and is also a Microsoft-certified trainer.

Ratheen Chaturvedi

Ratheen has worked in various fields in the Analytics domain for the last five years and has handled Consumer Electronics and Manufacturing projects. In his current role as a Trainer, he conducts trainings on various analytical tools like SAS, R and Python. Ratheen has completed his B Tech from IIT Kanpur and his MBA from Queen's University. He has two SAS certifications, SAS Certified Statistical Business Analyst Using SAS 9: Regression and Modeling Credential and SAS Certified Base Programmer for SAS 9 Credential.

PROGRAM DELIVERY

The program is delivered in three modes - Classroom, Online Instructor - Led Training and a fully self-paced Video Learning mode to cater to your learning preferences while ensuring maximum learning efficacy.

OPTION 1

CLASSROOM TRAINING [80 HOURS]

- Classroom training for 65 Hours by expert faculty who are certified by SAS Institute at a pre-determined time at any of our Imarticus centers
- The program also comes with 15 hours of engaging self-paced Instructor videos that you can watch before coming to class

OPTION 2

ONLINE INSTRUCTOR-LED TRAINING [65 HOURS]

- Online instructor-led training for 50 hours with expert faculty for real-time learning at a pre-determined time from the comfort of your own home
- The program also comes with 15 hours of engaging self-paced Instructor videos that you can watch before coming to class

OPTION 3

SELF-PACED VIDEOS [24 HOURS]

- 24 Hours of self-paced learning videos by our expert faculty to consume at your own pace as per your convenience.
- Unlimited access to HD videos on our learning portal for a period of 6 months