Data Science with SAS Training Course Content

Section 1: Introduction:

- ➤ Introduction to Data Science
- ➤ Discussion about Data Science Real world application
- ➤ Data Science concepts and its examples
- ➤ Data Science with SAS
- ➤ SAS Installation

Section 2: SAS Concepts

- ➤ SAS for Data Science
- ➤ Understanding SAS Variable
- ➤ String
- ➤ String functions
- ➤ Array
- ➤ Arithmetic Operators
- ➤ Loop Concepts – For, Do, While
- ➤ Do UntilLoop

Section 3: SAS Decision Making – Statement

- ➤ Understanding IF Statement
- ➤ Understanding IF then Else Statement
- ➤ Understanding IF then Else IF Statement
- ➤ Understanding IF then Delete Statement

Section 4: Fundamentals of Functions

- ➤ Mathematical Functions
- ➤ Date and time Functions
- ➤ Character Functions
- ➤ Truncation Functions

Section 5: SAS input and Macros

- ➤ Understanding List input method
- ➤ Understanding Name input method
- ➤ Macros Global variable

➢ Macros Local variable

Section 6: Working with Dataset Operations

➢ Read raw data
➢ Export and merge data
➢ Proc format and Sort

Section 7: SAS – SQL concepts – CRUD

➢ SQL Create Operation
➢ SQL Delete Operation
➢ SQL Update Operation
➢ SQL Read Operation

Section 8: SAS for Data Science - Delivery

➢ SAS ODS concepts
➢ Standard Deviation
➢ SAS Frequency Distribution
➢ SAS for Data Science – Real time Project.