

# DIGITAL ACCOUNTING & ASSURANCE BOARD

3 days Hands on Experience Training on

## Forensic Analytics using CAAT Tools

on 24, 25 & 26 May, 2019 from 09:30 AM to 05:30 PM at DA Lab, ICAI Bhawan,122,  
Mahatmagandhi Road, Nungambakkam, Chennai

**Course Duration 3 Days and Fees is Rs. 5500/- (+ 18% GST) per participant**

### Program Intended for

- Chartered Accountants, Managers, team members in the audit function.
- Internal auditors and Information System Auditors.

### Course Material - Participants shall be given:

1. Realistic data files,
2. Brainstorming and creative exercises
3. Stationery

**Please register from the below link to reserve your seat, hurry-up as the seats are limited.**

For Members: <https://ccm.icaai.org/?progid=2276>

For Non-Members: <https://ccm.icaai.org/?progid=2277>



Participation Certificate to all the participants

### Learning Outcome

- Enhance your understanding and appreciation of CAAT Data Analysis Software
- Learn how CAAT's can help identify data inconsistencies, integrity issues, exposures and potential frauds in your environment during fraud investigations, internal audit, data mining exercises etc.
- Appreciate the power of CAATs in Continuous Auditing and Continuous Monitoring
- Imbibe the advanced techniques in CAAT like Benford's Law, Relative size factor, Same – same – same & same – same – different techniques, etc.

### Day - 1

Time slot	Session	Session Details
10.00 am to 11.30 am	Introduction and Need for CAAT  Navigation in CAAT Tool	Basic features of CAAT Screens Menu-options Tool-Bars Managing Databases Project Management File Explorer Database Management
11.30 am to 11.45 am	TEA BREAK	
11.45 am to 1.30 pm	File Import & Export	Importing different types of files formats File management Problems during file import Exporting files
1.30 Pm to 2.15 pm	LUNCH BREAK	
2.15 pm to 3.30 pm	Reconciliation and Hygiene checks	Reconciliation Principles Control Total Field Statistics Indexing & Sorting Gap detection

3.30 pm to 3.45 pm	TEA BREAK	
3.45 pm to 5.00 pm	Identifying Irregularities & Field Manipulation	Appending different types of fields Modifying and removing fields Field manipulation
5.00 pm to 5.30 pm	Case Study  same – same – same analysis  same – same – different analysis	Finding duplicates and non-duplicates  Duplicate – detection  Duplicate - Exclusion
5.30 pm to 6.00 pm	Recap and Question answer session	

### Day – 2

Time slot	Session	Session Details
10.00 am to 11.30 am	Isolating specific records	Filtering Data Sorting and indexing Using Equation Editor Direct Extraction Top and bottom records Key value Indexed
11.30 am to 11.45 am	TEA BREAK	
11.45 am to 1.30 pm	Data Manipulation and analysis	Stratification Summarization Aging analysis Pivot table
1.30 Pm to 2.15 pm	LUNCH BREAK	
2.15 pm to 3.30 pm	Data Manipulation and analysis	Join database Append database Compare databases Visual connector Conditional data extraction
3.30 pm to 3.45 pm	TEA BREAK	
3.45 pm to 5.30 pm	Case Study	Compare, join and visual connector
5.30 pm to 6.00 pm	Recap and Question answer session	

### Day – 3

Time slot	Session	Session Details
10.00 am to 11.30 am	Sampling in CAAT	Random sampling Systematic sampling Stratified sampling
11.30 am to 11.45 am	TEA BREAK	

11.45 am to 1.30 pm	Relative size factor theory Benford's Law	Application of RSF theory & Benford's Law Top and Bottom extraction Using @ functions
1.30 pm to 2.15 pm	LUNCH	
2.15 pm to 3.30 pm	Filtering and Criteria's	Applying Criteria's on data and extracting records based on conditions
3.30 pm to 3.45 pm	TEA BREAK	
3.45 pm to 5.30 pm	Case Study	Filtering and Criteria's
5.30 pm to 6.00 pm	Recap and Question answer and Vote of thanks	

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*\* The batch may be postponed if minimum number of registrations are not received.*