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# **INFORMATICA IICS COMBO ONLINE TRAINING**

## **IICS IDMC COMBO COURSE CONTENT**

**INFORMATICA INTELLIGENT CLOUD SERVICES**

**INTELLIGENT CLOUD DATA MANAGEMENT**

**Cloud Data integration (CDI) & Cloud Application Integration (CAI)**

**TRAINER : HARLA - Sr. IICS DEV & TRAINER AT BANGALORE , 13+ YEARS EXP ,  
INFORMATICA , SAP BODS , SSIS, Oracle , AWS & SNOW FLAKE PROFESSIONAL**

### **COURSES AVAILABLE ON DAILY BASIS**

- 1. IICS COMBO BATCH ( SQL + POWER CENTER + IICS IDMC + SNOWFLAKE + SALES FORCE )**
- 2. INFORMATICA CLOUD BATCH (SQL + IICS IDMC WITH CDI & CAI + SNOWFLAKE )**
- 3. IICS CAI BATCH ( ONLY CAI SESSIONS)**
- 4. INFORMATICA POWER CENTER BATCH**

### **IICS IDMC COMBO BATCH DETAILS : -**

**MORNING BATCH : 07.00 AM TO 9.00 AM**

**EVENING BATCH : 07.00 PM TO 9.00 PM**

**SQL + INFORMATICA POWER CENTER +**

**IICS IDMC INCLUDING CDI & CAI , SNOWFLAKE , GCP , AWS**

**TOTAL 45 SESSIONS , 80+ HOURS**

**DAILY 2 HOURS , PRICE 9600/- ONLY ( MONDAY TO SATURDAY)**

### **IICS CLOUD BATCH DETAILS : -**

**MORNING BATCH : 11.00 AM TO 12.30 PM**

**SQL + IICS IDMC INCLUDING CDI & CAI , SNOWFALKE , GCP , AWS**

**TOTAL 37 SESSIONS , 60 + HOURS**

**DAILY 1.5 HOURS , PRICE 8600 / - ONLY ( MONDAY TO SATURDAY )**

### **IICS CAI BATCH DETAILS : -**

**4.00 PM TO 5.30 PM**

**IICS CAI , API , POST MAN , JDBC , JSON / XML FILE CREATOR  
SNOWFLAKE ACCOUNT CREATION  
REAL TIME API CREATIONS & LOADING TO DATA BASE & CDI  
MAPPINGS**

**TOTAL 10 SESSIONS , 20 + HOURS**

**DAILY 1.5 HOURS , PRICE 3700/ - ONLY ( MONDAY TO SATURDAY)**

### **SPECIAL FEATURES IN OUR IICS COMBO & CLOUD BATCH**

- ✓ **MULTIPLE BATCHES TO CHOOSE AS PER STUDENT'S LEVEL & INTEREST**
- ✓ **INTERVIEW PREPARATION FROM DAY 1 ( SPECIAL 108 Q/A )**
- ✓ **QUIZES ON SATURDAYS ON THE BASIS OF GIVEN SPECIAL Q/A**
- ✓ **LIMITED PARTICIPANTS , NOT MORE THAN 20 TO 30 PER BATCH**
- ✓ **NO MUTE ( INTERACTIVE SESSIONS )**
- ✓ **MOCK INTERVIEW AFTER 20<sup>TH</sup> SESSION FOR INDIVIDUALS**

- ✓ RESUME PREPARTION & CREATING NAUKRI PROFILE
- ✓ ATTENDING LIVE INTERVIEW AFTER 23<sup>RD</sup> SESSION
- ✓ CRACKING INTERVIEW BEFORE 30<sup>TH</sup> SESSION MAX
- ✓ DIRECT PHONE CALL /WHATSAPP FOR DOUBT CLEARANCE ANY TIME
- ✓ RECORDED VIDEO , NOTES , EXCERCISES AFTER EVERY SESSION
- ✓ REAL TIME PROJECT DEMONSTRATION
- ✓ 2<sup>ND</sup> MOCK INTERVIEW IF NOT CRACKED WITH IN 30<sup>TH</sup> IN LIVE INTERVIEW
- ✓ DATA LOAD FROM DIFF DATA BASES FROM SNOWFLAKE , GCP , AWS
- ✓ GUIDANCE AND MATERIALS IF LOOKING FOR IICS CERTIFICATION

## **SOFTWARE INSATLLATIONS WITH EASY GUIDES**

**INFORMATICA POWER CENTER & IICS SECURITY AGENT DOWNLOAD & INSTALLATIONS GUIDE**

**UNIX INSTALLATION ON WINDOWS GUIDE**

**PUTTY INSTALLATIONS , CONTROL M INSTALLATIONS GUIDE**

**DATA BASE CONNECTIONS WITH AWS , SNOWFLAKE , AZURE , SALES FORCE**

## **COURSE CONTENT :-**

### **IICS COMBO & CLOUD BATCH BATCH COURSE CONTENTS**

**NOTE : IN IICS CLOUD BATCH POWER CENTER CONCEPTS WILL NOT BE COVERED**

#### **PART A :**

#### **CLOUD DATA INTEGRATION (CDI)**

## **DAY 1 :**

**WHAT IS ETL REAL TIME EXAMPLES**

**IMPORTANCE OF DATA ANALYZATION**

**THE LIST OF COMPANIES FAILED WHO FAILED TO DO BI**

**MARKETING AND SELLING CONCEPTS RELATED TO ETL & BI**

**DIMENSION AND FACTS TABLES**

**OLAP AND OLTP , DATA MODELING ,**

**TOP DOWN AND BOTTOM UP APPROACH**

**POPULAR ETL TOOLS & BI TOOLS , POPULAR DATA BASES**

## **DAY 2 :**

**IMPORTANCE OF SQL FOR A ETL DEVELOPER**

**COMMON LANGUAGE OF DATA BASES**

**SQL CONCEPTS , 5 DIFFERENT LANGUAGES OF SQL**

**DIFFERENT ON PREMISES & CLOUD DATA BASES AVAILABLE**

**DISCUSSIONS ON INTERVIEW Q & A IN SQL**

## **DAY 3 :**

**SQL CONSTRAINTS SESSION**

**PRACTICAL & REAL TIME SCENARIOS OF CONSTRAINTS**

**DISCUSSIONS ON INTERVIEW Q & A IN SQL CONSTRAINTS**

## **DAY 4 :**

**ALL SINGLE ROW FUNCTIONS IN SQL PRACTICALS**

**SINGLE ROW FUNCTIONS INFORMATICA & SQL COMPARISONS**

## **DISCUSSIONS ON INTERVIEW Q & A IN SQL SINGLE ROW FUNCTIONS**

### **DAY 5 :**

**POWER CENTER AND IICS ARCHITECTURE , PROJECT ARCHITECTURE**

**WHY DATA WARE HOUSE ?**

**DATA WARE CONCEPTS , DIFFERENT DATA WARE HOUSES**

**INTERVIEW Q & A ON DATA WARE HOUSE CONCEPTS**

### **DAY 6 :**

#### **INSTALLATIONS :-**

**INSTALLATION OF ORACLE**

**INSTALLATION OF POWER CENTER**

**INSTALLATION OF IICS / IDMC**

**INSTALLATION OF SNOWFLAKE**

**CONNECTIONS WITH ORACLE & SNOWFLAKE**

**TEST MAPPING IN POWER CENTER & IICS / IDMC**

### **DAY 7 :**

#### **FILTER TRANSFORMATION**

**FILTER CONCEPTS IN SQL & INFORMATICA**

**SOURCE QUALIFIER FILTER CONDITIONS , SQL FILTER CONDITIONS**

**FILTER TRANSFORMATION CONDITIONS IN POWER CENTER**

**FILTER TRANSFORMATION CONDITIONS IN IICS IDMC**

**ELABORATION ON FILTER IN SQL & INFORMATICA DIFFERENCES**

**PARALLEL MAPPINGS IN PC & IICS IDMC**

## **INTERVIEW Q & A ON FILTER CONCEPTS IN SQL & INFORMATICA**

### **DAY 8 :**

#### **SOURCE QUALIFIER TRANSFORMATION**

**DIFFERENT PROPERTIES IN SOURCE QUALIFIER**

**IN POWER CENTER & IICS IDMC**

**DIFFERENT EXAMPLES IN PC , IICS , SQL**

**WHY JOININGS IN REAL TIME ??**

**SOURCE DEFINE JOIN IN SOURCE QUALIFIER , INFORMATICA PC & IICS IDMC**

**PARALLEL MAPPINGS IN PC & IICS IDMC**

**INTERVIEW Q & A ON SOURCE QUALIFIER**

### **DAY 9 :**

#### **EXPRESSION TRANSFORMATION**

**MULTIPLE BUSINESS LOGICS & MAPPINGS IN POWER CENTER**

**MULTIPLE BUSINESS LOGICS & MAPPINGS IN IICS IDMC**

**DIFFERENT EXPRESSION LOGICS IN SQL IN REAL TIME**

**INTERVIEW Q & A ON EXPRESSION TRANSFORMATION**

### **DAY 10 :**

#### **ROUTER TRANSFORMATION**

**MAPPINGS ON ROUTER TRANSFORMATION IN POWER CENTER**

**MAPPINGS ON ROUTER TRANSFORMATION IN IICS IDMC**

**DIFFERENCES BETWEEN FILTER & ROUTER**

**HOW TO ROUTE IN SQL PLATFORM**

**ADVANTAGES OF ROUTER WITH FILTER TRANSFORMATION**

**INTERVIEW Q & A ON ROUTER TRANSFORMATION**

**DAY 11 :**

**INTELLIGENT STRUCTURE MODEL ( ISM )**

**HANDLING EXCEL FILES IN PC & IICS IDMC**

**READING EXCEL FILES IN IICS IDMC**

**REAL TIME SCENARIOS OF USING EXCEL FILE FROM CLIENTS**

**INTERVIEW Q & A ON ISM**

**DAY 12 :**

**JOINER TRANSFORMATION**

**SQL JOINS ( INNER , LEFT , RIGHT , FULL )**

**JOINER TRANSFORMATION IN POWER CENTER**

**JOINER TRANSFORMATION IN IICS IDMC ( NORMAL , DETAIL , MASTER , FULL )**

**JOINING WITH DIFFERENT HETEROGENOUS SOURCES**

**JOININGS IN CSV , ORACLE & SNOWFLAKE AS SOURCES**

**INTERVIEW Q & A ON JOINER TRANSFORMATION**

**DAY 13 :**

**DIFFERENT LOADINGS IN INFORMATICA**

**CSV FILE CREATION , LOADING IN INFORMATICA**

**CSV TO TABLE , TABLE TO CSV , CSV TO CSV , TABLE TO CSV**

**INDIRECT FILE LOADING , FILE LISTING**

**SALES FORCE TO FLAT FILES & ORACLE**

**OVERVIEW ON J SON & XML LOADINGS**

**IN POWER CENTER & IICS IDMC**

**INTERVIEW Q & A ON ROUTER TRANSFORMATION**

## **DAY 14 :**

### **RANK TRANSFORMATION**

**SQL RANK , DENSE RANK CONCEPTS IN SQL PRACTICALS**

**RANK TRANSFORMATION IN PC**

**RANK TRANSFORMATION IN IICS IDMC**

**REAL TIME BUSINESS LOGICS & PROPERTIES IN RANK**

**INTERVIEW Q & A ON RANK TRANSFORMATION**

## **DAY 15 :**

### **AGGREGATOR TRANSFORMATION**

**SQL AGGREGATION CONCEPTS IN SQL**

**AGGREGATION TRANSFORMATION IN PC**

**AGGREGATION TRANSFORMATION IN IICS IDMC**

**REAL TIME AGGREGATION EXAMPLES & PRACTICES**

**IN POWER CENTER & IICS PERSPECTIVE**

**INTERVIEW Q & A ON AGGREAGATOR TRANSFORMATION**

## **DAY 16 :**

**DIFFERENT MACROS IN IICS**

**HORIZONTAL , VERTICAL & HYBRID MACROS**



**LINKING DYNAMICALLY**

**POWER CENTER & IICS PERSPECTIVE**

**INTERVIEW Q & A ON MACROS**

## **DAY 17**

### **UNION TRANSFORMATION**

**SQL CONCEPT IN UNION , UNION ALL ETC.,**

**SQL UNION TRANSFORMATION**

**WHY UNION TRANSFORMATION IS OPPOSITE TO ROUTER & SQL CONCEPT ?**

**UNION , UNION ALL MINUS , INTERSECT IN SQL & INFORMATICA**

**POWER CENTER & IICS PERSPECTIVES**

**INTERVIEW Q & A ON UNION TRANSFORMATION**

## **DAY 18**

### **LOOKUP TRANSFORMATION**

**LOOKUP TRANSFORMATION REAL TIME SCENARIOS**

**MAPPINGS OF LOOK UP IN PC**

**MAPPINGS OF LOOKUP IN IICS IDMC**

**PROPERTIES IN LOOKUP TRANSFORMATION IN INFORMATICA**

**DIFFERENT CACHES IN LOOKUP**

**IMPORTANT INTERVIEW QUESTIONS & ANSWERS**

**ON CONNECTED LOOKUP**

## **DAY 19**

### **UNCONNECTED LOOK UP TRANSFORMATION**

UN CONNECETD LOOKUP TRANSFORMATION REAL TIME SCENARIOS

MAPPINGS OF UN CONNETED LOOK UP IN PC

MAPPINGS OF LOOKUP IN IICS IDMC

IMPORTANT INETRVIEW QUESTIONS & ANSWERS

ON UNCONNECETD LOOKUP

## **DAY 20**

### **SEQUENCE GENERATOR TRANSFORMATION**

SEQUENCE NUMBER GENERATION IN SQL

MAPPINGS ON SEQUENCE GENERATOR TRANSFORMATION IN PC

MAPPINGS OF SEQUENCE GENERATOR IN IICS IDMC

SEQUENCE GENERATOR REAL TIME SCENARIOS

POWER CENTER & IICS PERSPECTIVE

INTERVIEW Q & A ON SEQUENCE GENERATOR

## **DAY 21**

### **HIERARARCHIAL SCHEMA ,PARCER , HIERARCHY BUILDER**

FEATUTES NOT AVAILABLE IN PC COMAPARE TO IICS

HIERARCHIAL SCHEMA

HIERARCHIAL PARCER

HIERARCHY BUILDER

STEPS IN HIERACRCHIAL SCHEMA , PARCER

**HIERARCHY BUILDER**

**INTERVIEW QUESTIONS ON HIERARCHY CONCEPTS**

**DAY 22**

**SORTER TRANSFORMATION**

**SORTING CONCEPTS IN SQL**

**MAPPINGS ON SORTER TRANSFORMATION IN PC**

**MAPPINGS ON SORTER TRANSFORMATION IN IICS IDMC**

**REAL TIME SORTING CONCEPTS & SCENARIOS**

**PROPERTIES OF SORTER TRANSFORMATION IN PC & IICS IDMC**

**INTERVIEW Q & A ON SORTER TRANSFORMATION**

**DAY 23**

**PARAMETERIZATION**

**PARAMETERS AND VARIABLES IN PC & IICS IDMC**

**PARAMETER FILE, MAPPING PARAMETERS**

**PARAMETER SOURCE & TARGET CONNECTIONS, INVOKE PARAMETERS**

**IN POWER CENTER & IICS**

**INTERVIEW Q & A ON PARAMETERIZATION**

**DAY 24**

**SLOWLY CHANGING DIMENSIONS THEORY**

**EXPLANATION ON SCD 0, SCD 1, SCD 2, SCD 3, SCD 4, SCD 5**

**OVERVIEW ON SCD1, SCD2, SCD3 IN PC & IICS IDMC**

## **DAY 25**

### **SLOWLY CHANGING DIMENSIONS PRACTICAL**

MAPPINGS OF SCD1 IN PC & IICS IDMC

UPDATE STRATEGY IN PC & UPDATE CONCEPTS IN IICS IDMC

REAL TIME USAGE OF SCD1 IN PC & IICS IDMC

INTERVIEW Q & A ON SCD

## **DAY 26**

### **SLOWLY CHANGING DIMENSIONS PRACTICAL**

MAPPINGS IN SCD2

REAL TIME SCD2 MAPPING IN PC

SURROGATE KEY

WHY SURROGATE KEY , HOW TO USE SURROGATE KEY

METHODS OF SCD2

OVERVIEW ON DATE , VERSION & FLAG METHODS

INTERVIEW Q & A ON SCD

## **DAY 27**

### **SLOWLY CHANGING DIMENSIONS PRACTICAL**

MAPPINGS IN SCD2

REAL TIME SCD2 MAPPING IN IICS IDMC

SURROGATE KEY

**WHY SURROGATE KEY , HOW TO USE SURROGATE KEY**

**METHODS OF SCD2**

**OVERVIEW ON SCD3**

**INTERVIEW Q & A ON SCD**

## **DAY 28**

### **MOCK INTERVIEW**

**PROFILE DIAGNOSING , SWOT ANALYSIS**

**STRENGTH , WEAKNESS , OPPORTUNITY & THREAT**

**HOW TO PREPARE FOR INTERVIEW**

**RESUME PREPARATION**

**START ATTENDING ATTENDING LIVE INTERVIEW**

**INTERVIEW Q & A**

## **DAY 29**

### **REUSABLE CONCEPTS IN PC & IICS IDMC**

**MAPPINGS ON MAPPLET DESIGNER & TRANSF. DEVELOPER IN PC**

**MAPPLET IN IICS IDMC**

**USING MAPPLETS IN PC & IICS IDMC**

**WHAT IS EPOCH CONVERTER PRACTICAL SESSION**

## **DAY 30**

### **CDC VARIABLE CONCEPTS**

**MAPPING ON CHANGE DATA CAPTURE IN PC**

**CHANGE DATA CAPTURE & VARIABLE IN IICS IDMC**

**REAL TIME USAGE ON CDC CONCEPTS**

## **DAY 31**

### **WORKFLOW LEVEL TASK & TASK FLOW**

**WORKFLOW LEVEL TASK & TASK FLOW IN PC & IICS IDMC**

**REUSABLE & NON REUSABLE TASKS IN PC**

**DIFFERENT TASKS IN PC**

## **DAY 32**

### **DIFFERENT TASKS IN IICS IDMC**

**MASKING TASK ,**

**POWER CENTER CENTER , TASK**

**DATA TRASFER TASK , MAPPLET TASK**

**IICS TASKS**

**MAPPING TASKS WITH DIFFERENT PROPERTIES**

**SYCHRONIZATION TASK , REAL TIME UASGES**

**REPLICATION TASK , REAL TIME USAGES**

**POWER CENTER TASK , REAL TIME USAGES**

**POWER CENTER & IICS PERSPECTIVE**

## **DAY 33**

### **DIFFERENT TASK FLOWS IN IICS IDMC**

**MAPPLET FROM POWER CENTER**

**TARGET LOAD ORDER**

**DIFFERENT TASK FLOWS PART 1**

**POWER CENTER & IICS PERSPECTIVE**

**DAY 34**

**DIFFERENT TASK FLOWS IN IICS IDMC PART 2**

**IICS TASK FLOWS REAL TIME EXAMPLES ON EACH TASKS**

**MAPPINGS ON TASK FLOWS , LINER TASK FLOW**

**ASSIGNMENT, DATA TASK , COMMAND , FILE WATCHER , DECISION , Etc.,**

**DAY 35**

**COMPLEX MAPPINGS**

**5 REAL TIME COMPLEX MAPPING EXMAPLES FOR INTERVIEW**

**HOW TO APPROACH INTERVIEWS**

**DAY 36**

**PERFORMANCE TUNING**

**PERFORMANCE TUNING IN PC & IICS**

**BEST MAPPING TECHNIQS TO IMPROVE PERFORMANCE**

**HOW TO REDUCE NO OF TRANSFORMATIONS TO IMPROVE**

**PARTITIONS , PUSH DOWN OPTIMIZATION ,**

**REAL TIME TECHNIQUES TO IMPROVE PERFORMANCE**

**DAY 37**

**DEPLOYMENT PROCESS**

**WHAT ABOUT VERSIONING IN PC & IICS IDMC**

**IMPORT & EXPORT**

**CODE MIGRATION FROM PC TO IICS , CHECKLIST**

**A REVIEW ON MIGRATION FACTORY**

## **DAY 38**

### **PROJECT EXPLANATIONS**

**DIFFERENT ENVIRONMENTS IN REAL TIME PROJECTS**

**AGILE & WATER FALL METHODOLOGY**

**DEV , TEST , UAT, PROD**

**REAL TIME PROJECT EXPLANATION**

**DIFFERENT DOMAINS , BANKING & HEALTH CARE EXPLANATIONS**

**USER STORIES , SPRINT Etc.**

**REAL TIME TOOLS INSTALLATION , GUIDANCE ABOUT LINUX PLATFORM**

## **DAY 39**

**2<sup>ND</sup> MOCK INTERVIEW**

**2<sup>ND</sup> SWOT ANALYSIS**

**PREPARATION & ATTENDING INTERVIEWS SPECIAL GUIDANCE**

## **DAY 40**

### **MACROS IN IICS IDMC**

**EXPRESSIONS MACROS IN IICS IDMC**



**VERTICAL MACROS , HORIZONTAL MACROS , HYBRID MACROS**

**DAY 41**

**INTERVIEW QUESTIONS & ANSWERS**

**IMPORTANT INTERVIEW IICS QUESTION & ANSWERS PRACTICES**

**SCENARIO BASED QUESTIONS**

**QUIZ QUESTIONS FOR INTERVIEW & CERTIFICATIONS**

**DAY 42**

**OVERVIEW ON GCP , AWS**

**CREATION S3 BUCKET & SALES FORCE CONNECTIONS**

**PART B :**

**CLOUD APPLICATION INTEGRATION ( CAI)**

**DAY 1**

**INTRODUCTION ON WEB SERVICE**

**INTRODUCTION ON API & CAI**

**API REAL TIME USAGE WITH EXAMPLES**

**REST API , SOAP API**

**DAY 2**

**WHY & HOW TO INSTALL POST MAN**

**HOW TO INSTALL CAI WITH PROCESS SERVER**

**DIFFERENT COMPONENTS IN CAI**

## **DAY 3**

**ENABLING API**

**IMPLEMENTING A PROCESSES IN API**

**START ASSIGNMENT TO THE INPUT VALUE**

**PUBLISH THE PROCESS**

**CREATE SERVICE CONNECTIONS**

**INVOKE API**

## **DAY 4**

**CREATE FROM SWAGGER**

**CREATE FROM WSDL**

**PUBLISH SERVICE CONNECTOR**

**TYPE OF CONNECTIONS**

**KAFKA , ODATA , JDBC GENERIC CLOUD ADAPTER**

**CREATE & PUBLISH THE CONNECTION**

**METADATA**

**CREATE PROCESS OBJECT**

## **DAY 5**

**CREATING API & PUBLISH**

**JDBC CONNECTIONS & CONNECTING WITH CDI MAPPINGS**

**FILE CREATOR & GENERATING J SON / XML**

## **DAY 6**

**SALES FORCE CONNECTIONS & CONNECTING WITH API**

**API MANAGER**

**API REGISTRY**

**CREATE MANAGED API**

**RATE LIMIT POLICY**

**API GROUPS**

**DAY 7**

**SUMMARY & EXERCISE ON EACH**

**APPLICATION INTEGRATION**

**APPLICATION INTEGRATION CONSOLE**

**API MANAGER**

**API PORTAL**

----- THANK YOU -----