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Data Warehouse, Tableau & Informatica Reference Resources

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LinkedIn 3 post links

Post 1 : https://www.linkedin.com/posts/activity-7237793175375892481-ECg2?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC3lvu0BYu49Uz0oEtGLO1Glrs-Odd4vlsA

Post 2 : https://www.linkedin.com/posts/activity-7261356337400332288-UNFF?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC3lvu0BYu49Uz0oEtGLO1Glrs-Odd4vlsA

Post 3 : https://www.linkedin.com/posts/activity-7265986180976963584-SKC_?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC3lvu0BYu49Uz0oEtGLO1Glrs-Odd4vlsA

1] Data Warehouse Resources

(2-3 questions came in exam...so for this cycle you can expect 4-5 questions.)

Mcq's Resources:

1) https://lnkd.in/diiXkZsT
2) https://lnkd.in/dSAyJx2u
3) https://lnkd.in/d5zaEMJ7
4) https://lnkd.in/duNd2yeP
5) https://lnkd.in/dhfebmxN

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1. **LinkedIn post for Data warehouse**

Link : https://www.linkedin.com/posts/activity-7165652373913124864-oLsr/?utm_source=share&utm_medium=member_android

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✳️ **Key Points:**

⚡ **Data Warehouse :**

1] Data Warehouse Components
2] Operational Database Vs Data Warehouse
3] Data Warehouse Architecture
4] Operational Data Stores
5] What is ETL
6] ETL vs ELT
7] Types of Data Warehouses
8] Data Warehouse Modeling
9] Data Warehouse Design
10] Data Warehouse Implementation
11] What is Meta Data
12] What is Data Mart
13] Delivery Process

⚡ OLAP Technology:

1] What is OLAP
2] Characteristics of OLAP
3] OLTP vs OLAP
4] OLAP Operations
5] Types of OLAP
6] ROLAP vs MOLAP vs HOLAP

⚡ Dimensional Modeling:

1] What is Dimensional Modeling ?
2] What is Multi-Dimensional Data Model?
3] What is Data Cube?

⚡ Schemas:

1] What is Star Schema?
2] What is Snowflake Schema?
3] Star vs Snowflake Schemas
4] Fact Constellation Schema

Link for above content: https://lnkd.in/dRzV66hY

Note: **Equal number of mcq's questions of Tableau and informatica was there in exam.**

2] Tableau Resources

MCQ's Resources:

1) https://lnkd.in/dMUCTt9K
2) https://lnkd.in/dvar97vF
3) https://lnkd.in/d3S-BDua
4) https://lnkd.in/diGwrbHH

Important topics for Mcq's exam:

✳️ **Tableau Key Points:**

1] Dimensions and Measures
2] Tableau Data types
3] Tableau Dashboard components
4] Discrete vs continues field in tableau
5] Types of Maps in Tableau (symbol Maps & filled Maps)
6] What is groups in tableau?
7] Uses of charts in tableau.
8] Tableau menu commands (Format, Server, Help, File, Data, Worksheet, Dashboard, Analysis, Maps, Story).
9] What is fact table?
10] List out Tableau File Extensions.
11] What are the different Joins in Tableau?
12] Use of Tableau filter
13] Use of Tableau Calculation field
14] Use of Tableau parameter
15] Use of Tableau actions and sets. etc..

3] Informatica Resources

MCQ's Resources:
1) https://lnkd.in/dP2BFuFi
2) https://lnkd.in/dPUkik4g
3) https://lnkd.in/dyDSSnGz

Important topics for Mcq's exam:

✳ Informatica Key Points:

1] What is ETL and its Uses in Real-Time Business.
2] Why We Need Informatica?
3] Data transformation activities.
4] services and components of Informatica ETL tool.
5] Informatica all transformation types (Most most most important.)
6] Differences in between transformation types.
7] How do you load first and last records into target table? (Ans: with the help of Rank Transformation.) etc..

Tableau & Informatica Handson Resources

1. Tableau YouTube Link: https://lnkd.in/deq_snAi
2. Informatica YouTube Link : https://lnkd.in/dFR2f7mY

◆ Tableau Functions Link: https://lnkd.in/dqdm3q8R

◆ Informatica Functions Link: https://lnkd.in/d8wkdFu3

♨ **Important Functions for exam perspective**:
- CEILING
- FLOOR
- ROUND
- LOWER
- UPPER
- LTRIM
- RTRIM
- TRIM
- LEFT
- RIGHT
- MID
- CONTAINS
- STARTSWITH
- ENDSWITH
- FIND
- FINDNTH
- SPLIT

- REPLACE
- DATEPART
- DATENAME
- MONTH
- YEAR
- DAY
- DATETRUNC
- DATEADD
- DATEDIFF
- TODAY
- NOW
- ZN
- IFNULL
- ISNULL
- All Aggregate functions
- FIXED
- EXCLUDE
- INCLUDE

Most Important Topics For Tableau and Informatica.

♨Tableau:

1) Tableau all charts.
2) Tableau Filter.
3) Tableau Parameters.
4) Tableau Actions.
5) Tableau Calculations Field.
6) Tableau Sets.
7) Tableau Calculations (Row level Calculation, Aggregate calculation, Table calculation, LOD Calculation).

♨Informatica:

1) All Informatica Transformation types (Filter, Expression, Sorting, Joiner, Aggregator, etc..).

♨Strategy:

✅ Speed and accuracy is crucial for this exam 💯

practice..**practice**..**practice** (Consistency is the key 🗝️)

For tableau and Informatica,
Whatever the topics are there for aptitude exam like Profit and loss, Average, Ages, etc. So, you should know standards formulae of these topics.

Whenever you start Tableau part, Immediately do registration process. Don't spend much time on registration process. Once you completed 1st problem statement, save it immediately. Behind the reason for this is if your screen got stuck at any time then with the help of invigilator you can restart the fresco play platform and can continue exam. It will save your lot of time.

Similarly whenever you start Informatica part,

◆ First create source and target tables.
◆ **Open Informatica PowerCenter Manager**: Create a folder as per given in problem statement.

◆ **Open Informatica Designer**: Do the require connection and Import source and target database. According to problem statement create a transformation type and finally do the mapping
(Source Table -> Transformation Type -> Target table).

◆ **Open Informatica Workflow Manager**: Create workflow and session. And create a connection with mapping.

◆ **Open Informatica Workflow Monitor**: Once you run workflow, its status will show in Workflow monitor (Succeed or Failed).

These are the basic steps. So, you should know navigation for how to do connection, how to create transformation type, session, workflow quickly.