Fossil Group Data Engineer Interview Guide – Experienced 1.5+

Interview Structure

Round 1: Technical Interview

- **Duration**: ~1 hour
- **Mode**: Google Meet Video Call
- **Interviewer**: Team Lead

Questions

1. Introduce Yourself
2. SQL Joins Scenario

   Two tables:

   - Table 1: 8 records
   - Table 2: 2 records
   - Common column: id

   Questions: How many records would result with the following joins?

   - Inner Join
   - Left Join
   - Right Join
   - Full Outer Join

3. Row_Number, Rank, and Dense_Rank

   Differences between these window functions.

4. SQL Query to Update Gender Column

   Write a query to switch values in the Gender column (M to F and F to M).

5. Case Statements in Update Queries

   Can CASE statements be used in an UPDATE query?

6. SQL Clause Execution Sequence

   Explain the order in which SQL clauses are executed.

7. Internal vs. External Tables in Hive

   Differences and use cases of both table types.

8. Defining Airflow

   Overview of Airflow as a workflow orchestration tool.

9. Airflow Operators

    Definition and examples (e.g., PythonOperator, BashOperator).

10. Finding Duplicates in a Table

    Identify duplicates based on one or two columns.

11. Query for Latest Record

    Select the latest record based on a time_of_insertion column.

12. Query to Delete Duplicate Records

    Write a query to retain only the latest record and delete others in case of duplicates.

13. CTE (Common Table Expression)

    Definition and uses.

14. HAVING Clause in SQL

    Why is it used only after GROUP BY?

15. Copying Table Structure

    How to create a new table with the same structure as an existing one?

16. Project Challenges

    Share a challenging situation faced in projects.

17. Personal Preferences and Aspirations

    Discuss goals, teamwork preferences, and how you handle mistakes.

Round 2: HR Interview

- **Duration**: ~30 minutes
- **Mode**: Google Meet Video Call
- **Interviewer**: HR Representative

Questions

1. Introduction and Family Background

2. Reason for Job Change

    Why are you leaving your current job so early?

3. Job Description and Interest

    Did you review the job description? Why are you interested in this role?

4. Five-Year Plan

    Where do you see yourself in five years?

5. Work-Life Balance

   Define work-life balance and your preferences (e.g., remote, office, hybrid).

6. Onsite Opportunities

   Would you accept an onsite opportunity in a foreign country?

7. Company Loyalty

   What if another company offers a better salary—would you stay or leave?

Glassdoor Fossil Group Review –

https://www.glassdoor.co.in/Reviews/Fossil-Group-Reviews-E2319.htm

Fossil Group Careers –

https://www.fossilgroup.com/americas-careers/

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