



INTERVIEW AT

Microsoft®

**FOR AZURE DATA
ENGINEER**

1st ROUND OF INTERVIEW



**ADF (AZURE DATA
FACTORY)**



**SQL
WAREHOUSE**



**DATA
MODELLING**



**MANAGERIAL
QUESTIONS**



ADF (AZURE DATA FACTORY)

Q. What is the Metadata activity?

Q. What is the Set Variable activity?

Q. What delimiter have you used in Copy Data activity?

Q. Can we run a For Each activity in sequential and parallel fashion?

SQL WAREHOUSE



Q. How many lines of stored procedure have you written?

Q. What is a cluster index and a non-cluster index?

Q. Explain window functions?

Q. What is a temporary table in SQL Warehouse?



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SQL WAREHOUSE

Q. Given an employee table with columns: employee Id, employee name, manager Id

How would you find:

- **Employee name, manager name, and manager's manager name**

Q. How do you insert newly created records into the main table from a staging table?



DATA MODELLING

Q. What is row-level security and filtering in Azure Analysis Services?

Q. What is a fact table and dimension table?

Q. Explain star schema and snowflake schema?

Q. What are slowly changing dimensions?

Q. What is a fact-less fact table?



MANAGERIAL QUESTIONS

Q. Describe your project.

Q. What technical challenges did you face and how did you resolve them?

Q. How do you rate yourself in Power BI, Analysis Services, ADF, and Azure Databricks?

Q. Have you used SSIS?

ELLIPSE

EDUCATION