

# IDfy Interview Experience - Yogesh Maheshwari

25/07/23 Test :

- There were 8 Questions consist of (3 single correct and 3 multiple correct Questions)
- Mcqs based on Math(Rank of a matrix,type of matrix etc),SQL, statistics distribution, and ML fundamentals .
- 1 question based on converting given dataframe to output dataframe , following by applying options like:
  - 1) drop all the row where column has >3 value (using .apply() )
  - 2) clear a specific column value into alpha-numeric characters (using regex)
  - 3) aur basic data cleaning wo sab
- Last question was on SQL query (medium level leetcode) (Using joins, order by ,count ,group by)

27/07/23

PPT : discussed about company , their vision etc

12 out of 22 were selected for next round

## Technical Round 1 (30 min):

- *Interviewer directly asked me about my interview experience*
  - So I discussed my internship tasks and also gave my whole experience accomplishing these activities, such as what challenges I had and how I addressed them.

(interviewer was quite happy and said my answer was well structured and he didn't even need to ask any questions)

- *Then he asked me about my Time series project from the resume*
  - I didn't recall much about the TSA concepts, so I gave him an overview of the project and then he asked some questions like what is the ARIMA model and how do you apply it, and I didn't have much to say about it, so I eventually told him that I didn't remember the TSA concepts properly.
- *He asked me what topic are you confident in*
  - So I told him about my ipd project (Attendance system using face recognition) because it was related to what IDfy was doing and I didn't have this on my resume, so I made sure I pointed it out. I told him about the project and he then asked question me on siamese neural network, like how does it work etc
- *He asked me how was the test*
  - I mentioned the test went good, but I wasn't able to fully answer the python question because I got one single value wrong in the dataframe, which caused all testcases to fail and i unable fix the problem in the allotted time.

- *He asked do you have any questions*
  - I asked him which cloud provider does IDfy uses
  - Then I asked him that you had taken my interview and joining would be starting in around June 2024, so what things do you think I could improve on till then

( I honestly thought I had a less chance of making it to round 2 because I couldn't answer the TSA questions properly ,But I made it to round 2, so it's okay if you can't answer a few questions; just don't think about it too much during the interview and focus on the next questions)

7 out of 12 were selected for next round

## **Technical Round 2** (30 mins and it also started 30 mins before the scheduled time)

(I expected a totally ML-based interview, however he didn't even ask one ML question, instead he was asking DSA!):

- *He initially introduced himself and what he does at IDfy, and then he asked me to talk about my projects.*
  - First, I discussed the task I completed during my internship, and then I discussed the ipd project of attendance system using face recognition and explained the project and research paper I wrote, as well as the goal and problem the project was solving. I even mentioned that the attendance system project could be a potential product for IDfy in the future because it was somewhat related to what they do and could target a different market segment ( I wanted to say this potential product thing in Round 1 also but couldn't so i made sure i tell it in this round)

( Interviewer said that sounds very interesting and he said he also had a similar project during his college time)

- *After this he asked me about HTTP methods*
  - So i told about GET,POST,PUT etc
- *He then asked can we use PUT method to add a new record*
  - I wasn't sure about the answer so i said PUT is used to update values ,and i am not sure of the answer but according to me we cant add new record with PUT but one way we can add a new record is to update all values of a existing record so technically it becomes a new record (but in place of the old one)
- *After this he shared his screen and showed the sql test question and asked me how did you solve it explain*
  - I explained what the question was asking us to do and how i went ahead with the solution
- *Then he asked me why did you use join here*
  - I said we had two tables here and our output required values from both the tables and we had a primary key with which we can perform join, then he asked different types of joins

- *After this he opened up the browser and asked me when i type [www.google.com](http://www.google.com) what happens*
  - I wasn't very confident while giving this answer i told whatever logically i could think of like we send a request at this endpoint and then we get a response back and the browser renders that
- *Then he asked how good are you with DSA , i said i am decent with it then he said share your screen i will give you a PS write a pseudo code*
  - I got a little nervous/scared because i wasn't confident with DSA and prepared for ML purely
  - So i read the question: Perform a queue with help of Two stack A and B and perform enqueue and dequeue and he also had mentioned some operations
  - He asked me to share my thought process how i would solve it
  - Looking at the question i didn't know the answer directly so i was figuring out ways to solve and i was speaking my thought process also and in between also realizing some steps wouldn't get me to the result but i was still speaking those steps out , eventually i reached to the right answer ( But i wasn't sure during the interview
  - He then asked about the time complexity and how to make it optimal
  - And in the end i didn't write the code the explanation was enough
- *After this he asked what is anomaly detection and how to do anomaly detection in Time series analysis*
- *Also he asked question on API , have i deployed any API connected with database etc*

Results:

Selected!!

5 out of 7 were selected for next round

### Pro Tips:

- Keep in touch with people who have given the interview before you and get an idea of the questions (many questions were asked to everyone)
- Be ready to get unexpected questions also try to solve it if you can otherwise just tell the interviewer you don't know the answer
- Prepare everything which is on your resume and be ready with answers for regular questions and try and tell about the challenges you faced during the project and how you solved it