

# IDfy Interview Experience

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The interview was scheduled in three rounds: two technical and one HR. The company takes the effort to go through your answers and your resume, so please be honest with what you do.

## Online Assessment

***The company required us to upload our resume before the OA began.***

***They went through our resumes in depth.***

The OA consisted of 5 MCQs and 1 Coding Question. The hiring team went through the answers.

- MCQs: Statistics, Matrix Math, SQL, Data Science, Machine Learning
- Coding: We had to build a classification model. All parts of a traditional ML workflow were evaluated (Data Analysis, Data Preprocessing, Choice of Model, various graphs and visualizations, etc.) in addition to code cleanliness. The submission was to be made as a CSV file with two columns, of which one was the predictions from your model.

**Pro Tip: Check out what the *tab* and *shift+tab* keys do in Jupyter NBs**

## Round 1 (Technical)

The interviewer began by asking me to introduce myself and promptly got to my resume. He asked questions about my internship and subsequently about my projects and the tech stacks I used.

*It turned out that the interviewer was a participant in a hackathon in which my team won (his team probably did not win), which led him to scan my GitHub for the exact technical details of the app we built during that hackathon. This usually does not happen.*

## ***BE VERY CAREFUL WITH WHAT YOU PUT ON YOUR RESUME***

The first round is probably the most influential for your prospects. The questions were not too in-depth, but the interviewer did make sure that I had knowledge about new technologies aside from basic ML and DL (how LLMs

work and how they're evaluated, Vision Transformers, and what makes DeepSeek different).

## Round 2 (Technical)

The interview was again based on my resume, but this time the questions were more granular and fundamental. The panel asked me a lot of questions for a long time.

The questions ranged from how CNNs work, how can the training of CNNs be sped up (hint: playing around with kernel size and stride). I was also asked about vision transformers. The interviewers made sure to ask about how I used the technologies in my projects that were mentioned up until that point. They asked me questions on NLP as well. Be prepared to answer scenario-based questions. Here's a glimpse:

**Q: Suppose you train a model that classifies images as being of a cat or not. Your data has images of only black cats. You test your model out on an image of a white cat and suppose the model incorrectly classifies the image as "not cat". Is this underfitting or overfitting?**

**A: Overfitting.**

**Q: How can you fix this problem? Any data preprocessing techniques you can think of?**

**A: We can augment the data. We take a subset of our data and invert the colors so we get a few images of white cats (hope you get what happened).**

**Q: If you can't use any color-based augmentation, what can you do?**

**A: We can randomly crop or zoom into a few images so that model can learn the distinguishing features of a cat in general (ears, nose, eyes, etc.).**

They also asked a few questions indirectly about data pipelines and the techniques we can use to improve training efficiency (quantization and stuff).

Make sure you know what you are talking about and be confident. I was asked a few questions again and again (probably to test how I handle curveballs).

***Study your resume projects in detail (not just what technologies you used, but how those technologies work in depth).***

### **Round 3 (HR Stuff)**

The interviewer asked me about my experience with the rounds. He talked a bit about his experience at IDfy. It was more of a conversation than an interview (or at least that's what they want you to believe; HR is a cult). He then asked about my interests outside of my resume and outside of tech in general. He also asked how they can make the overall experience better for candidates.

**Pro Tip: Ask *meaningful* questions during the presentation/pre-placement.**

The interviewer said that he remembered me because I had asked a few good questions during the presentation.

### **Two Cents**

Don't cheat your way through the coding question. There was this dude who submitted a CSV, and all he did was populate a DataFrame with randomly placed 0s and 1s, didn't even make a model.

My guy didn't even get a chance at round 1, and he still sat for 12 hours. So please be honest with the test and with your work.