

Name - Sparsh Kumar
Role - Data Analyst
Company - Axtria

3 rounds

1. OA

Students appeared - around 150

75 Q in 90 mins

Question sections were-

- DI - Pie chart(4 ques), Table(4-5 ques), Bar graph (4 ques), Percentage and fractions (3-4 ques)
- QA
- LR
- English - reading comprehension, jumbled sentences,
- MS Excel - 3-4 ques (IF function, pivot table, etc)
- DSA - 6-8 ques from basic DS (hashing, circular array queue, priority queue, etc)
- Some output based ques

You can practice questions from here, <https://www.indiabix.com/>

You must score 50% in every section to pass the exam, also students are selected based on merit, so give your best in OA!

Selected students - 22

I was the first one to appear for interview in the department, so both my interviewer were in a happy and fresh mood I guess :)

2. Technical interview

The interviewer asked a basic introduction about me, I told her about me and that my strong background in maths and CS have given me amazing analytical and problem solving skills.

(During this time she was going through my resume)

Then she asked me very basic DSA ques, just to check if the subjects I have mentioned in my resume have been studied by me.

Ques were like these -

- any algo to sort an array (i wrote quick sort)
- Separate odd and even no. from an array into 2 different arrays
- Max element in an array

- Basic questions about time and space complexity

She asked me do I know mySQL or Postgre or Oracle...I told her that I haven't worked on any of them so i don't know any of them, but I know the basic SQL queries

Then she asked me questions from SQL-

- Joins, type of joins
- Difference between Union and Union all (I didn't know this, so told her i don't have clarity about this, but it deals with duplicates when we do a full join)
- Write a query which gives employee names starting with S
- MINUS in SQL (i didn't know this, so i told her that i haven't used it, but I'm estimating that it is just like set minus, A-B means we only take those elements of A which are not in B)

Then she told me about the importance of Databases in the tech industry that wherever you go you'll have to work on them.

After this, she asked some questions from my internship and very basic questions from my project (I mentioned only 1 project).

She asked me if I had any questions, so I cleared my doubt about the first 2 yr time period in company that was mentioned in the ppt.

End

Students selected - 17

3. HR interview

I asked to come in, said good morning and he greeted me with a handshake, then he told me to sit down and asked if I have brought the hard copy of my resume, I told him "sorry sir, I forgot it but it's in my bag just outside the lab, I can bring it I you want"....he told me not to worry because it is there on his computer, then he kept searching for 2-3 mins so i told him that I can bring it in a sec, it's just outside, he told me to bring it, I brought the hard copy and gave him.

He gave me his introduction about what is he doing at Axtria and his time at the company.

Then he told me that his brother have also done MCA from DU in 2005.

Then he scanned my resume for 1-2 mins and told me,

"Oh you've got AIR 1, that's very good"

"Thank you, sir"

"So give me a brief introduction about yourself, your strengths... who is Sparsh Kumar"

"Sir, I've been good and interested at maths since childhood, so did my graduation in the same but realised that pure maths is not for me, so shifted to CS and as things are

logical here, I like it. I have a good sense of humor, that's the feedback I get from my friends n family and that's ehy I've tried stand-up comedy ", he asked me where i have done it, told him that then continued " I am a very lively person and I keep the environment around me light and cheerful"

Then he asked questions related to my project (some technical questions too)

As I told him that I made this project under guidance of my brother just because I wanted to learn and implement a new technology (my project was in FastAPI)

So, he asked me how do you get to know what new technologies are coming?

"Sir, I don't have much time to read the news now a days, but my brother is very active on twitter and other social medias, so he keeps telling me"

"Do you read about it further after he tells you?"

"No, sir"

We both laughed a little.

Then he asked me about the python libraries mentioned in my resume (numpy, pandas, matplotlib), he asked me about the uses of these libraries.

I told him how and where they are used.

Then he asked if I've done any projects in the MCA course, I told him about the Data Analysis and Visualization assignment project, so he asked about the dataset, from where we have taken it and what were the column names in that.

I told him we only did the visualization part, not the ML part, because we haven't studied it. We made graphs of normal curves, box plots, and a heatmap

He asked me, what is a heatmap?

Explained him the heatmap.

Then he asked me if I have any questions for him?

I asked him about the department change inside Axtia, if I want to change to ML from data analyst role later, can I do it?

He answered it and the interview ended with a handshake.

Students selected - 4