# **Interview ka Khazana | Set-9**

## **Company 1**

### Round 1:

* Explain your unsupervised learning project
* Precision vs Recall
* If you have a large number of docs how will you segregate them using AI
* What is PCA?
* What is forecasting?
* Have you used it?
* Which model to use in stock price prediction?
* What is tfidf?
* What is stemming and lemmatization?

## **Company 2**

### Round 1:

* Types of join
* Explain inner join
* Given one table:
* Code for inner join
* Output Code for left join
* Output Code for right join
* Primary key and unique keys
* Extract salary from table.

## **Company 3**

### Round 1:

* What is the difference between matplotlib and seaborn?
* What is the p-value of Statistical inference?
* How would you treat null values and outliers?
* What are the different plots that you used in your project?
* How would you manage your work?
* Are you willing to relocate?

### Round 2:

* Introduction
* Questions on technical skills mentioned in the Resume
* Difference between pandas and numpy.
* Difference between supervised and unsupervised models.
* Explain the maths behind linear regression.
* Which type of chart is used for what type of data?
* What is clustering and when is it used?
* Explain visualization in Power BI with examples Previous work experience.
* Where do you want to see yourself in the next 5 years? What are your career goals?
* How do you deal with the challenges?

## **Company 4**

### Round 1:

* Introduction
* Past experience
* About Almabetter
* Why do you want to do a data analyst job if u completed a data science course?
* Self-rating in Excel and Python
* Excel questions- Vlookup, pivot table, excel dashboard.
* They asked me to explain the tableau dashboard.

### Round 2:

* If you have 2 tables ie orders and customers, how will you draw insights from them? Overall the experience was good.
* What analytical tools and projects have you worked on?
* Explain one Data science-related project and overview.
* Data engineering-related questions like what languages you use and how to automate the pipeline.

## **Company 5**

### Round 1:

* Introduction
* Explain PowerBI platform
* Name of visualization charts used in PowerBI
* Different types of joins with explanation
* Given a DAX code and asked what will be the output
* Difference between the Fact and Dimension tables?
* Asked to share the screen and explain the dashboard you created in PowerBI
* Create a new chart and show the top 10 values only
* Perform a DAX operation

### Round 2:

* Asked to do some tasks in Excel which involved Vlookup, finding duplicate values, pivot table
* Project explanation and cross-questions on that
* Types of join in SQL
* Explain left join
* I was asked some basics about pandas like creating data frames, types of joins in pandas, and why do we use pandas.
* Why do you want to join our company?

## **Company 6**

### Round 1:

* Inheritance in OOPs
* Bottom-up approach or a top-down approach in oops.
* He used a common term for the Python property of dealing with string, Boolean, and special characters.
* What is NLP?
* NLP pipeline
* Named entity recognition in NLP.

## **Company 7**

### Round 1:

* Asked self self-driving principle
* Asked predictive modeling principles and real-life examples
* Asked how many trees in between Nagpur to Delhi
* Asked Almabetter training program
* Parent’s occupation

## **Company 8**

### Round 1:

* They explained about their company and work and then gave me a problem statement and asked for my approach
* How familiar with Excel and SQL?
* About my current role and responsibilities
* What is Business analytics?
* Project explanation
* Experience in any analytical tool?
* Open to relocation?

## **Company 9**

### Round 1:

* The interviewer asked me about one of my projects (I explained the project and he asked me about the algorithms)
* He asked me 2 SQL queries (There are 3 tables Employee, course, and EC mapping)Select the count of employees who have not completed at least 5 courses
* 2nd Question- Write an SQL query to select the date where the profit is greater than the previous day.
* Why do you want to switch your domain to analytics?
* How proficient you are in SQL and Windows functions in SQL?

## **Company 10**

### Round 1:

* What are standard deviation and Mean?
* When to use median, mean, and the difference between them?
* Python coding Print(1-10) using for loop and while loop
* Palindrome string
* Sum number print question
* Make data frame