# **Interview ka Khazana | Set-10**

## **Company 1**

### Round 1:

* Intro
* Binary search
* Time complexity
* BFS and DFS
* K-mean

### Round 2:

* Sumif
* Linear regression
* Print 1 to 10 in python
* SVM
* Stack and queue
* Project explanation and cross-questions

## **Company 2**

### Round 1:

* Brief intro
* Most of the questions on my previous work experience.
* Project explanations and their use case
* What do I know about business analyst
* What is SDLC?
* Why do I want to be a business analyst after doing data science projects?
* How good are you at creating business requirements and their documentation?

## **Company 3**

### Round 1:

* How to fetch data through API in Python?
* Write syntax for window fun in SQL?
* How to fetch data through SQL query in spreadsheet/ Excel?
* Syntax for read\_csv in Python?

### Round 2:

* Introduce yourself
* Explain 2 main projects in detail
* What do you know about the company?
* Your strengths and weaknesses
* Why should we hire you?
* The business model of Magic Pin?

## **Company 4**

### Round 1:

* The data set is of 3 countries and we need to answer 4 questions with the help of Powerbi visualization   
    
  a. breakdown of sales per country   
  b. volume of products sold weekly   
  c. total weekly sales, including a week-over-week comparison (increasing/decreasing sales)   
  d. detailed information on each sales record

### Round 2:

* Tell me about yourself
* Asked me about the projects I did.
* Asked about ML projects
* How to proceed with the project if you have a dataset? (steps)

## **Company 5**

### Round 1:

* Introduction.
* 10 reasons why I'll miss a flight.
* Why do u want to be in a business analyst field?
* Skills required for business analysts.
* What are the responsibilities of the business analyst and why?
* What are your strengths?
* Where do you see yourself after 2-3 years?
* Why should we hire you?

## **Company 6**

### Round 1:

* Introduction
* Projects
* How to load datasets using pandas & without pandas
* How to print headers using pandas
* List comprehension
* Dictionary updation
* SQL update function

### Round 2:

* What is a generator and how do you make them?
* Inheritance and one conceptual question based on it.
* Datatypes in Python?
* libraries in Python?
* How do you manage large data size issues?

## **Company 7**

### Round 1:

* What are Decorators
* Global Variable & Local Variable
* How to create an Empty Function?
* Public Private and Protected
* Tell me about the project
* How knn works?
* Module vs package

## **Company 8**

### Round 1:

* Handle missing values,
* KNN imputor,
* all types of tests
* significance value
* hypothesis testing
* gradient descent
* Ridge- lasso
* R-square and adjusted R-squared
* Why did you choose random forest in your regression problem?
* Python coding question: Count character frequency in a string using a dictionary

## **Company 9**

### Round 1:

* Introduction.
* Brief about the project which I had done.
* What is a Data pipeline?
* How will you deploy your model?
* And if suppose we want to calculate the rainfall for multiple cities what would be the process and what are the features you will use?
* Why do you want to transition from civil engineering to the data science/software domain?
* About relocation

## **Company 10**

### Round 1:

* Introduction
* Ask me to explain the one project (cross question on between)
* Ask a lot of questions on anomaly detection (like how to detect & project-specific)
* Difference between Random Forest and XGBoost
* Bagging and Boosting
* correct matrix for selecting the classification algo. (project-specific)
* What if we want to increase the real only is it possible?
* 3 probability questions and 1 logical question.
* python program to create the function which can return the reverse int num (eg. -120 to -21)
* What is the difference between group by in window function vs normal group by?
* What does the output look like?
* Question on VLOOKUP.