

- Code Optimization for fast data processing from database
- Which package is used for multithreading
- How to write test cases in unit testing
- Inwindow function, primary key, constraints, joins, foreign
- How to write quote
- Second highest number from list
- Reverse the string without inbuilt method
- Multiplication of elements one after another
- Explain data normalization
- Process of model authentication
- Diff. betn authentication & authorization
- Multithreading (function based multithreading & class based one)
- Function based API
- Diff betn testing data & validation data
- How to identify fakemigrations or what are fakemigrations
- How to configure mongodb with docker
- ORM query to fetch all the columns from other table into current table
- Middlewares.
- Explain architecture of Django
- On which django version you are working now
- Diff betn authentication & authorization
- Second highest no from list
- What is init method
- Is is compulsory or not (init method)
- Difference between static method & class method
- What is decorator?
- What is virtual environment?
- How many types of inheritance supported in python?
- Explain the architecture of Django
- What are models?
- What is many to many key?
- What is cascade key

- Have you defined any schema?
 - How to make any key as primary key?
 - can we use multiple database in django & how to use them? How to fetch data from second ^{database} ~~table~~?
 - What is signals?
 - What is migration?
 - Suppose you have two applications in django. How to apply migrations to each application table
 - Aggregation & ~~annotation~~ annotation in django ORM
 - What is JWT in django
 - ~~msg~~ what is wsgi? Is it used only for deployment?
 - RDBMS, What is normalization, indexes, joins, diff. betn join & union
 - Questions related to tableau & power BI
 - Find Armstrong numbers in specified range
 - What is environment variable
 - What is ternary operator
 - What is the use of model inheritance & types of model inheritance in Django
 - What is the use of select related functions in Django
 - How to write groupby query in Django ORM query
 - What is use of serializer in Django
 - ~~What~~ What is the diff. betn where & having clause
 - Diff betn delete & truncate
 - Explain request response cycle in Django
 - What are the built in django ~~sequence~~ ^{sequence} setmails?
 - What is the use of session framework in django?
 - Brief about mixin in django
- TCS
- What is django according to you?
 - What is the diff betn Flask & Django
 - Is it possible to connect json ^{database} with django?
 - What is django fields?
 - What is session ^{in django} according to you?

- What is modules & package ?
- What is the diff. betn simple python file & module ? *are they same or diff*
- Why name module is given to python file ?
- What are the decorators in python ?
- ~~Write~~ Write a python code to print following pattern

```

1
1 2
1 2 3
1 2 3 4

```

- What is loop in python ? What is its purpose ?
- Why we use loops instead of functions ? What is the significance of loops
- What is Fibonacci series & write the python code
- What is recursion ? ~~Which~~ datastructure
- ~~Write~~ Fibonacci series looks like which data structure ?

- Distribute quantities of e1, e2 & e3 from table 2 into table 1 based on

ID	Name	Qty	Name	Qty	ratio
1	e1	25	e1	5	use pandas
2	e2	3	e2	6	numpy
3	e1	6	e3	10	
4	e3	5			
5	e2	8			
6	e1	10			
7	e3	12			

- Which database you used in your Django based project ?
- In which area you are working now ?

Data Science

- Do you have any experience in NLP?
- What is the difference betn pandas & pyspark
- How you handle authentication in API part?
- Do you have any experience of working on data collection part?
- What is the use of beautiful soup
- What is s3k in django?
- What is IAM management in AWS?
- Where you used this scipy package
- ~~Para~~ Use cases of principle component analysis
- Support vector ~~analysis~~ Machine
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- What is your current project?
- Do you have knowledge of pandas?
- What is Lambda function
- What is the use of np.where? in numpy
- How to filter out records in pandas df based on condition?
- What is the architecture of Django?
- Do you have experience in working in file handling?
- How will you filter out records using file handling?