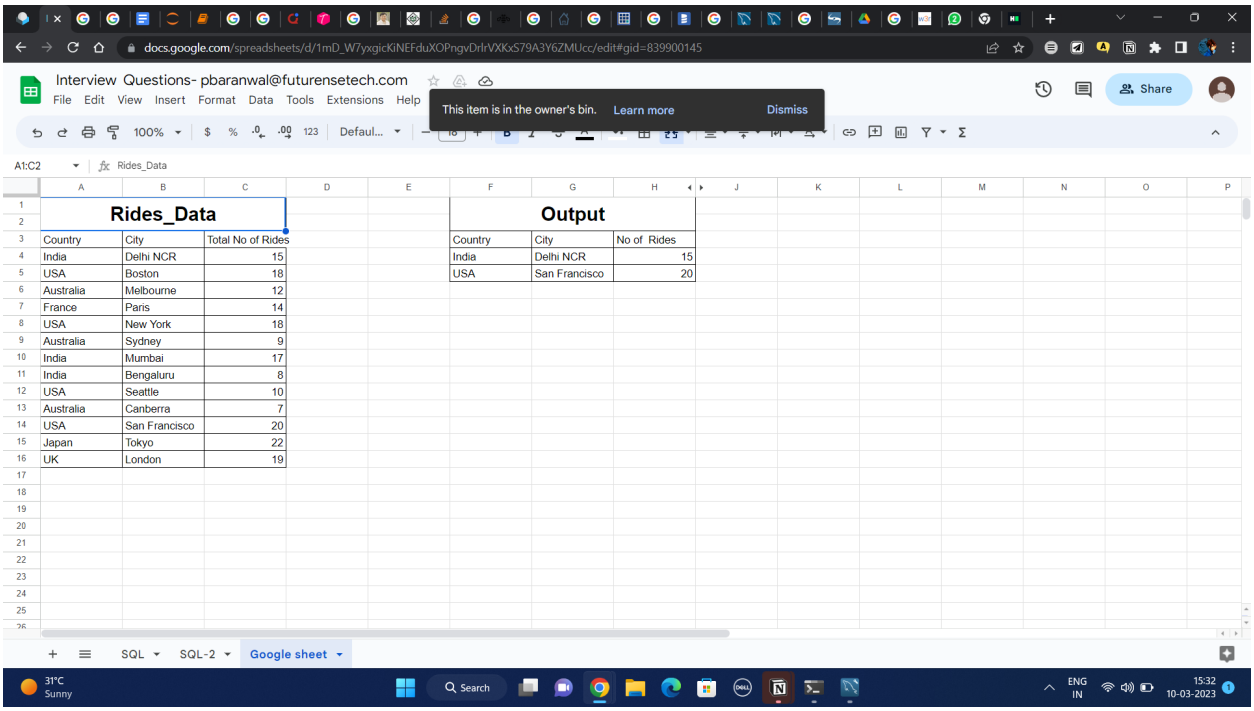
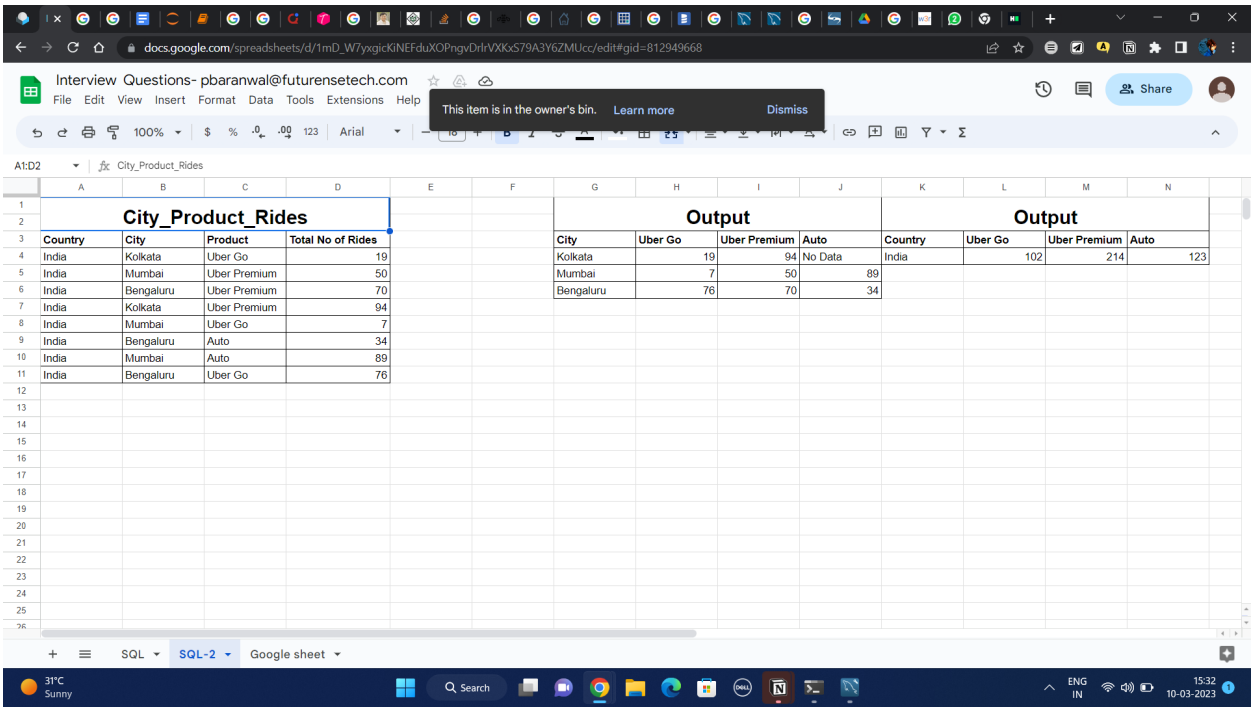
Uber Interview Experience - Puru Baranwal

SQL

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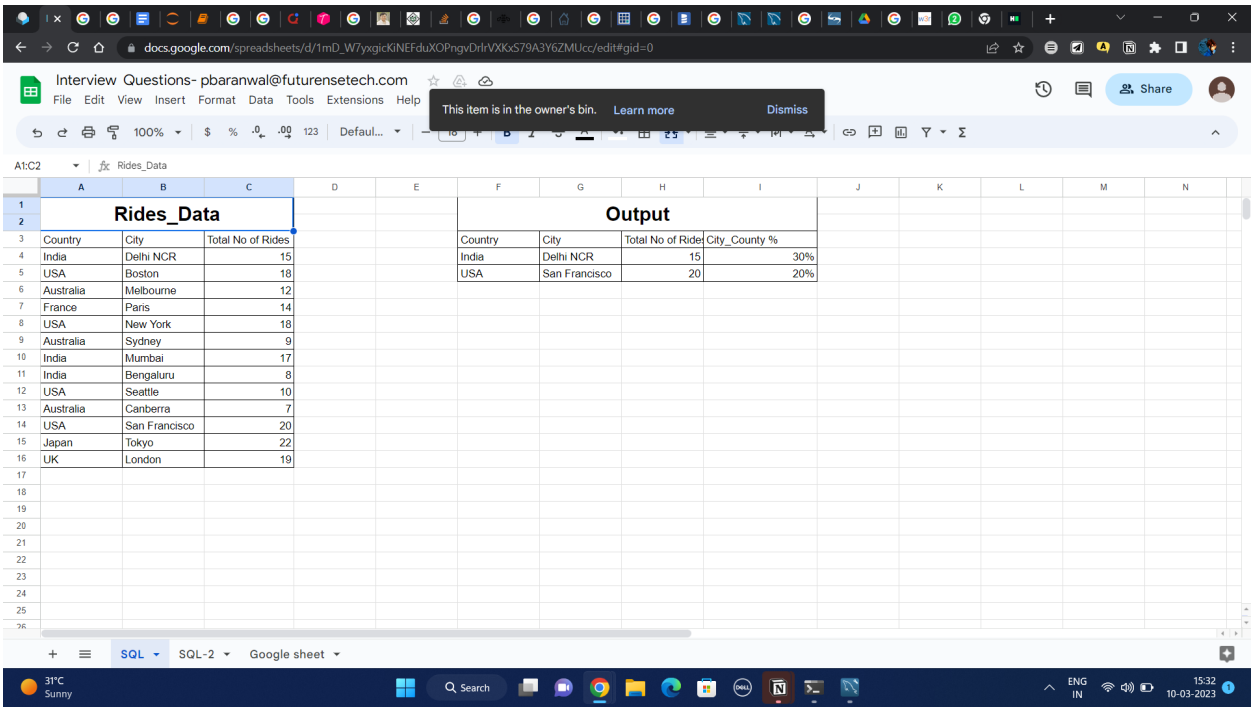
Interview Questions- pbaranwal@futurensetech.com
File Edit View Insert Format Data Tools Extensions Help
This item is in the owner's bin. Learn more Dismiss
Share
A1:D2 City_Product_Rides
City_Product_Rides
Country City Product Total No of Rides
India Kolkata Uber Go 19
India Mumbai Uber Premium 50
India Bengaluru Uber Premium 70
India Kolkata Uber Premium 94
India Mumbai Uber Go 7
India Bengaluru Auto 34
India Mumbai Auto 89
India Bengaluru Uber Go 76
Output
City Uber Go Uber Premium Auto
Kolkata 19 94 No Data
Mumbai 7 50 89
Bengaluru 76 70 34
Output
Country Uber Go Uber Premium Auto
India 102 214 123
SQL SQL-2 Google sheet
31°C Sunny
Search
ENG IN
15:32 10-03-2023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File Edit View Insert Format Data Tools Extensions Help
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Share
A1:C2 Rides_Data
Rides_Data
Country City Total No of Rides
India Delhi NCR 15
USA Boston 18
Australia Melbourne 12
France Paris 14
USA New York 18
Australia Sydney 9
India Mumbai 17
India Bengaluru 8
USA Seattle 10
Australia Canberra 7
USA San Francisco 20
Japan Tokyo 22
UK London 19
Output
Country City Total No of Rides City_County %
India Delhi NCR 15 30%
USA San Francisco 20 20%
SQL SQL-2 Google sheet
31°C Sunny
Search
ENG IN
15:32 10-03-2023

Output 1

Column1	Column2	Column3
city	active	inactive

RN	Driver	City
1	D1	A
2	D2	B
3	D3	A
4	D4	C
5	D5	A
6	D6	B
7	D7	C
8	D8	A
9	D9	C
10	D10	B
11	D11	A
12	D12	C
13	D13	D
14	D14	D
15	D15	A
16	D16	B
17	D17	D
18	D18	D
19	D19	B

TripID	TimeStart	TimeEnd	DriverID	Fare
T1	01:05:68:04:(	25:49:24:01	D1	110
T2	51:04:68:04:(	25:49:24:01	D12	500
T3	01:05:68:04:(	25:49:24:01	D3	170
T4	51:04:68:04:(	25:49:24:01	D9	650
T5	01:05:68:04:(	25:49:24:01	D8	680
T6	51:04:68:04:(	25:49:24:01	D1	809
T7	01:05:68:04:(	25:49:24:01	D2	938
T8	51:04:68:04:(	25:49:24:01	D2	1067
T9	01:05:68:04:(	25:49:24:01	D7	1196
T10	51:04:68:04:(	25:49:24:01	D8	1325
T11	01:05:68:04:(	25:49:24:01	D4	1454
T12	51:04:68:04:(	25:49:24:01	D7	1583
T13	01:05:68:04:(	25:49:24:01	D8	1712
T14	51:04:68:04:(	25:49:24:01	D5	1841
T15	01:05:68:04:(	25:49:24:01	D3	1970
T16	51:04:68:04:(	25:49:24:01	D16	2099
T17	01:05:68:04:(	25:49:24:01	D2	2228
T18	51:04:68:04:(	25:49:24:01	D12	2357
T19	01:05:68:04:(	25:49:24:01	D12	2486
T20	51:04:68:04:(	25:49:24:01	D10	2615
T21	01:05:68:04:(	25:49:24:01	D14	2744
T22	51:04:68:04:(	25:49:24:01	D2	2873
T23	01:05:68:04:(	25:49:24:01	D12	3002

Output2

Column1	Column2
City	Total Fare
D19	0

Problem Statement	What % of L4W Active drivers are nearing doc expiry (any doc) in March in Mumbai, Delhi NCR and Bangalore Cars?			
You can use existing queries that you know of and modify the same to get the below output				
City	Feb Active DPs	Document type	% DPs with doc expiry in March	# Trips in feb
Mumbai	100	Insurance	40%	1000
Tables to be used	**fact_trip**	**dim_driver**	**dim_documents**	
	driver_id	driver _id	doc_id,document_type,driver_id,expiration_date	
	trip_uuid,trips_date	city	status_doc_id	

Theoretical Questions Like - rank vs dense rank, row_number,
Aggregate, subqueries, joins, sorting by Case when statement.
difference between where and having, what are indexes?

Statistics: Mean, Median, Mode, what is Guassian Distribution. What is Significance Value.

Python: Sorting of List, Enumerate functions.

Visualization: Pie Chart, Bar Chart, Percent Chart. Name 5 Chart . Scenario Based Questions like which chart to use in particular situation.
Excel: lookup, index-match, pivot tables.

More from previous company Projects
Whole life cycle of Project
Puzzel: 2 Gatekeepers one always tells lie, another always tells truth

Business Case-Study

Busiess Case Study:

> Decide 5 KPIs for selecting best Taxi Driver.
>
> Uber Eats is launching it product in Banglore for first time. Now you have to figure out how much delivery partner Uber will have to manage in advance so that it will not in be sort of Drivers.
>
> You have all the data required. Stakeholders come with request that from past one year Uber drivers are churning out from UBER. Now design a whole campaign for it. From analysing the data to applying strategy. Then evaluating the success of Campaign.
>
> Stakeholders come to you with request that they are seeing in decline in USER Base. Now design a whole new campaign for it. From analysing the data to evaluating the strategy.