

DXC AZURE ANALYTICS

CASE STUDY-3

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Date of submission: 01-06-2022.



Batch: DXC- AZURE-B12- ANALYTICS





Aim : our aim is to migrate their data to the cloud. And using azure cloud services we have to develop solutions for global-tech.





case 21: From the following table, write a SQL query to find those employees whose experience is more than 27 years.

Return complete information about the employees

query : `SELECT * FROM GLOBETECHTB231 WHERE months_BETWEEN(SYSDATE,HIRE_DATE)>27*12;`

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**  Save **Run** 

```
1 SELECT * FROM GLOBETECHTB231 WHERE months_BETWEEN(SYSDATE,HIRE_DATE)>27*12;
```



EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001





[Download CSV](#)
12 rows selected.






case 22: From the following table, write a SQL query to find those employees whose salaries are less than 3500.

Query :

```
SELECT * FROM GLOBETECHTB231 WHERE salary < 3500;
```

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**   Save  Run


1


```
SELECT * FROM GLOBETECHTB231 WHERE salary < 3500;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001



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13 rows selected.

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case 23: From the following table, write a SQL query to find the employee whose designation is 'ANALYST'. Return employee name, job name and salary

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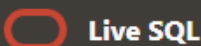
SQL Worksheet Clear Find Actions Save Run

```
1 SELECT EMP_NAME, JOB_NAME, SALARY FROM GLOBETECHTB231 WHERE job_name= 'ANALYST';
```

EMP_NAME	JOB_NAME	SALARY
SCARLET	ANALYST	3100
FRANK	ANALYST	3100

[Download CSV](#)
2 rows selected.

CASE 24: From the following table, write a SQL query to find those employees who have joined in the year 1991.

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SQL Worksheet Clear Find Actions Save Run

```
1 SELECT emp_id,  
2     emp_name,  
3     salary,  
4     to_char(hire_date, 'yyyy') as hire_date  
5 FROM globetechtb231  
6 where to_char(hire_date, 'yyyy') = '1991';
```

EMP_ID	EMP_NAME	SALARY	HIRE_DATE
68319	KAYLING	6000	1991
66928	BLAZE	2750	1991
67832	CLARE	2550	1991
65646	JONAS	2957	1991
69062	FRANK	3100	1991
64989	ADELYN	1700	1991
65271	WADE	1350	1991
66564	MADDEN	1350	1991
68454	TUCKER	1600	1991
69000	JULIUS	1050	1991

[Download CSV](#)
10 rows selected.

case 25: From the following table, write a SQL query to find those employees who joined before 1st April 1991.



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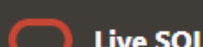

SQL Worksheet Clear Find Actions Save Run

1 select * from globetechtb231 where hire_date < to_date('1991 -04-01','yyyy-mm-dd') ;

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001

Download CSV
3 rows selected.

case 26: From the following table, write a SQL query to find those employees who are not working under a manager.



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SQL Worksheet Clear Find Actions Save Run

1 select * from globetechtb231 where salary > 2957;

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001

Download CSV
3 rows selected.

case 27: From the following table, write a SQL query to find those employees who joined on 1st May 91.

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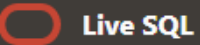
SQL Worksheet Clear Find Actions Save Run

1 `select * from globetechtb231 where hire_date = to_date('1991 -05-01','yyyy-mm-dd') ;`

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001

[Download CSV](#)

case 28 :From the following table, write a SQL query to find those employees working under the manger whose ID is 68319.

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SQL Worksheet Clear Find Actions Save Run



1 `select emp_name,emp_id,salary from globetechtb231 where manager_id < 68319;`





EMP_NAME	EMP_ID	SALARY
SCARLET	67858	3100
FRANK	69062	3100
ADELYN	64989	1700
WADE	65271	1350
MADDEN	66564	1350
TUCKER	68454	1600
ANDRES	68736	1200
JULIUS	69000	1050
MARKER	69324	1400






[Download CSV](#)
9 rows selected.

case 29 :From the following table, write a SQL query to find those employees who earn more than 100 as daily salary.

Return employee ID, employee name, salary.

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**   Save  Run





```
1 select emp_name,emp_id,salary from globetechtb231 where salary/30 > 100;
```






EMP_NAME	EMP_ID	SALARY
KAYLING	68319	6000
SCARLET	67858	3100
FRANK	69062	3100

[Download CSV](#)
3 rows selected.

case 30 :From the following table, write a SQL query to find those employees who retired after 31-Dec-99,

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**   Save  Run





```
1 select emp_name FROM globetechtb231
2 where MONTHS_BETWEEN(TO_DATE('1999-12-31','YYYY-MM-DD'),HIRE_DATE)/12 >8;
```






EMP_NAME
KAYLING
BLAZE
CLARE
JONAS
FRANK
SANDRINE
ADELYN
WADE
MADDEN
TUCKER
JULIUS

[Download CSV](#)
11 rows selected.

case 31 :From the following table, write a SQL query to find those employees whose salary is an odd value. Return complete information about the employees.

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**   Save **Run** 





```
1 select * from globetechtb231
2 where mod(salary, 2) != 0;
```






EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001

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case 32 :From the following table, write a SQL query to find those employees whose salary contains only three digits.

  **Live SQL**

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SQL Worksheet  Clear  Find **Actions**   Save **Run** 

```
1 select * from globetechtb231
2 where length(salary) = 3;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001

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