



# **SQL GAME SALES DATASET ANALYSIS**

```
1  select * from sales.accounts;
2 • select * from sales.data_dictionary;
3 • select * from sales.products;
4 • select * from sales.sales_pipeline;
5 • select * from sales.sales_teams;
```

6

```
7  #1. List All Products
```

```
8 • select * from sales.products;
```

9

```
10 #2. Find Sales Agents in a Specific Region
```

```
11 • select sales_agent
12    from sales.sales_teams
13   where regional_office = 'Central';
```

```
15  #3. Count Opportunities by Deal Stage
16 • select deal_stage , count(deal_stage)
17    from sales.sales_pipeline
18    group by deal_stage;
19
20  #4. Get Unique Product Series
21 • select distinct series
22    from sales.products;
23
24  #5. Calculate Total Close Value
25 • select sum(close_value) as Total_Value
26    from sales.sales_pipeline;
```

```
28 #6. Agents with Closed Deals
29 • select distinct sales_agent
30 from sales.sales_pipeline
31 where deal_stage = 'Won';
32
33 #7. Average Close Value by Product
34 • select product , avg(close_value)
35 from sales.sales_pipeline
36 group by product;
37
```



```
38 #8. Revenue by Region
39 • select st.regional_office , sum(sp.close_value)
40 as total_revenue from sales.sales_pipeline sp
41 join sales.sales_teams st on sp.sales_agent = st.sales_agent
42 group by st.regional_office;
43
44 #9. Products Not Sold
45 • select product from sales.products
46 where product not in
47 (select distinct product from sales.sales_pipeline);
```

```
49  #10. Deals Without Close Dates
50 • select * from sales.sales_pipeline
51   where close_date is null;
52
53  #11. Top Performing Sales Agent
54 • select sales_agent , sum(close_value) as Total_Sales
55   from sales.sales_pipeline
56   group by sales_agent
57   order by Total_Sales desc
58   limit 1;
```

60 #12. Monthly Revenue Trend

```
61 • select date_format(close_date , '%Y-%m') as month ,  
62        sum(close_value) as total_revenue  
63 from sales.sales_pipeline  
64 where close_date is not null  
65 group by date_format(close_date, '%Y-%m');
```

66

67 #13. Manager Performance

```
68 • select st.manager , sum(sp.close_value) as total_revenue  
69 from sales.sales_pipeline sp  
70 join sales.sales_teams st on sp.sales_agent = st.sales_agent  
71 group by st.manager;
```

```
73  #14. Longest Sales Cycle
74 • select opportunity_id , datediff(close_date , engage_date)
75    as Sales_Cycle from sales.sales_pipeline
76    order by Sales_Cycle desc
77    limit 1;
78
79  #15. Sales Contribution by Product Series
80 • select p.series , sum(sp.close_value) as total_revenue
81    from sales.sales_pipeline sp
82    join sales.products p on sp.product = p.product
83    group by p.series;
```