

```
Create database Port_Analysis_Project2;
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```
Use port_analysis_project2;
```

```
SELECT
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```
    COUNT(`Shipment ID`) AS Total_Shipments,  
    SUM(`Freight Revenue (USD)`) AS Total_Revenue,  
    SUM(`Freight Cost (USD)`) AS Total_Cost,  
    SUM(`Freight Revenue (USD)` - `Freight Cost (USD)`) AS Total_Profit,  
    AVG(`Profit Margin (%)`) AS Average_Profit_Margin_Percent,  
    AVG(`Delay (Days)`) AS Average_Delay_Days,  
    ROUND(100 * SUM(CASE WHEN `Delay (Days)` <= 0 THEN 1 ELSE 0 END) /  
COUNT(`Shipment ID`), 2) AS On_Time_Delivery_Percent,  
  
    ROUND(SUM(`Freight Revenue (USD)`) / SUM(TEU), 2) AS Revenue_per_TEU,  
    ROUND(SUM(`Freight Cost (USD)`) / SUM(TEU), 2) AS Cost_per_TEU,  
    ROUND(SUM(`Port Handling Cost (USD)`) / SUM(`Container Count`), 2) AS  
Handling_Cost_per_Container,
```

```
    -- Subquery for Avg Rate per Container  
    (SELECT ROUND(AVG(`Rate per Container (USD)`), 2) FROM  
Route_Rate_Card) AS Avg_Rate_per_Container,
```

```
    -- Again for clarity  
    AVG(`Delay (Days)`) AS Avg_Delay_Days,  
    ROUND(100 * SUM(CASE WHEN `Delay (Days)` <= 0 THEN 1 ELSE 0 END) /  
COUNT(`Shipment ID`), 2) AS Percent_On_Time_Shipments,
```

```
    ROUND(SUM(TEU) / COUNT(`Shipment ID`), 2) AS TEU_per_Shipment
```

```
FROM Shipping_Case_Study_Data;
```

```
SELECT * FROM shipping_case_study_data;
```