**Fuel Sales SQL QUERIES**

**A. KPI’s**

1.Total Revenue:

SELECT sum(total\_price) as 'Total Revenue'

from [gas\_sales\_excel\_file(Random Data)]

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2.Total Quantity:

SELECT sum(quantity) as 'Total Quantity'

from [gas\_sales\_excel\_file(Random Data)]

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3.Average Total Price

SELECT AVG(total\_price) as 'AVG Total Price'

from [gas\_sales\_excel\_file(Random Data)]

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4.Average Total Quantity

SELECT AVG(quantity) as 'AVG Total Quantity'

from [gas\_sales\_excel\_file(Random Data)]

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Description automatically generated

**B. Daily Trend for Total Sales**

select DATENAME(DW,order\_date) as 'Day',SUM(total\_price) as 'Total Price'

from [gas\_sales\_excel\_file(Random Data)]

group by DATENAME(DW,order\_date)

**A screenshot of a computer screen

Description automatically generated**

**C. Monthly Trend for Total Sales**

select DATENAME(MONTH,order\_date) as 'Month',SUM(total\_price) as 'Total Price'

from [gas\_sales\_excel\_file(Random Data)]

group by DATENAME(MONTH,order\_date)

**A screenshot of a calendar

Description automatically generated**

**D. Percentage of Sales by Fuel Type**

SELECT

fuel\_type,

SUM(total\_price) AS 'Total Revenue',

CONCAT(

CAST(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM [gas\_sales\_excel\_file(Random Data)]) AS DECIMAL(10, 2)),

'%') AS PCT

FROM [gas\_sales\_excel\_file(Random Data)]

GROUP BY fuel\_type;

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Description automatically generated

**D. Percentage of Sales by Payment Method**

SELECT

payment\_method,

SUM(total\_price) AS 'Total Revenue',

CONCAT(

CAST(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM [gas\_sales\_excel\_file(Random Data)]) AS DECIMAL(10, 2)),

'%') AS PCT

FROM [gas\_sales\_excel\_file(Random Data)]

GROUP BY payment\_method;

**A screenshot of a computer

Description automatically generated**

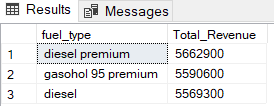
**E. Top 3 Fuel by Revenue**

select top 3 fuel\_type, sum(total\_price) as Total\_Revenue

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Revenue desc



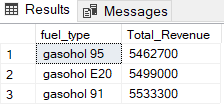
**F. Bottom 3 Fuel by Revenue**

select top 3 fuel\_type, sum(total\_price) as Total\_Revenue

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Revenue

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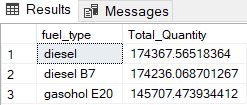
**G. Top 3 Fuel by Quantity**

select top 3 fuel\_type, sum(quantity) as Total\_Quantity

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Quantity desc



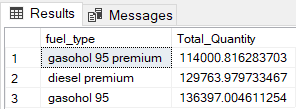
**H. Bottom 3 Fuel by Quantity**

select top 3 fuel\_type, sum(quantity) as Total\_Quantity

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Quantity



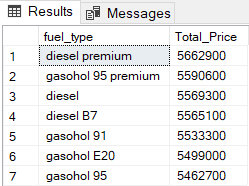
**I.Total Sales by Fuel Type**

select fuel\_type, sum(total\_price) as Total\_Price

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Price desc



**J. Total Quantity by Fuel Type**

select fuel\_type, sum(quantity) as Total\_Quantity

from [gas\_sales\_excel\_file(Random Data)]

group by fuel\_type

order by Total\_Quantity desc

