Pizza Sales SQL Query

**KPI**

* **Total Revenue**
  + **select** **sum**(total\_price) **as** Total\_Revenue **from** newtable

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Description automatically generated

* **Average Order Value**
  + **select** **sum**(total\_price)/**count**(**distinct** order\_id) **as** Avg\_Order\_Value **from** newtable

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Description automatically generated

* **Total Pizza Sold**
  + **select** **sum**(quantity) **as** total\_pizza\_sold **from** newtable

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Description automatically generated with low confidence

* **Total Orders**
  + **select** **count**(**distinct** order\_id) **as** total\_orders **from** newtable

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Description automatically generated with low confidence

* **Avg pizza per order**
  + **select** **cast**(**cast**(**sum**(quantity) **as** **Decimal**(10,2)) / **cast**(**count**(**distinct** order\_id) **as** **decimal**(10,2)) **as** **Decimal**(10,2)) **as** Avg\_Pizza\_per\_order **from** newtable



* **Daily Trend**
  + --Daily Trend
  + **SELECT**
  + **CASE** **EXTRACT**(DOW **FROM** **TO\_DATE**(order\_date, 'DD-MM-YYYY'))
  + **WHEN** 0 **THEN** 'Sunday'
  + **WHEN** 1 **THEN** 'Monday'
  + **WHEN** 2 **THEN** 'Tuesday'
  + **WHEN** 3 **THEN** 'Wednesday'
  + **WHEN** 4 **THEN** 'Thursday'
  + **WHEN** 5 **THEN** 'Friday'
  + **WHEN** 6 **THEN** 'Saturday'
  + **END** **AS** order\_day,
  + **COUNT**(**DISTINCT** order\_id) **AS** total\_orders
  + **FROM** newtable
  + **GROUP** **BY** **EXTRACT**(DOW **FROM** **TO\_DATE**(order\_date, 'DD-MM-YYYY'));

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Description automatically generated with medium confidence

* **Hourly Trend**
  + --Hourly Trend
  + **SELECT** **EXTRACT**(**HOUR** **FROM** order\_time::**time**) **AS** order\_hours, **COUNT**(**DISTINCT** order\_id) **AS** total\_orders
  + **FROM** newtable
  + **GROUP** **BY** **EXTRACT**(**HOUR** **FROM** order\_time::**time**)
  + **ORDER** **BY** **EXTRACT**(**HOUR** **FROM** order\_time::**time**)

A screenshot of a spreadsheet

Description automatically generated with medium confidence

* **% of Sales**
  + **SELECT**
  + pizza\_category,
  + **SUM**(total\_price) \* 100 / (**SELECT** **SUM**(total\_price) **FROM** newtable) **as** PCT
  + **FROM** newtable
  + **GROUP** **BY** pizza\_category

A screenshot of a computer

Description automatically generated with medium confidence

* **% of Sales by Size**
  + **SELECT**
  + pizza\_size,
  + **ROUND**((**SUM**(total\_price) \* 100 / (**SELECT** **CAST**(**SUM**(total\_price) **AS** **decimal**) **FROM** newtable))::**numeric**, 2) **AS** PCT
  + **FROM** newtable
  + **GROUP** **BY** pizza\_size
  + **ORDER** **BY** PCT **DESC**

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Description automatically generated with low confidence

* **Total pizzas sold by category**
  + **select** pizza\_category , **sum**(quantity) **as** total\_pizza\_sold **from** newtable
  + **group** **by** pizza\_category

A screenshot of a computer

Description automatically generated with low confidence

* **Top 5 Pizza**
  + **SELECT** pizza\_name, **SUM**(quantity) **AS** total\_pizza\_sold
  + **FROM** newtable
  + **GROUP** **BY** pizza\_name
  + **ORDER** **BY** **SUM**(quantity) **DESC**
  + **LIMIT** 5

A screenshot of a menu

Description automatically generated with low confidence

* **Bottom 5**
  + **SELECT** pizza\_name, **SUM**(quantity) **AS** total\_pizza\_sold
  + **FROM** newtable
  + **GROUP** **BY** pizza\_name
  + **ORDER** **BY** **SUM**(quantity)
  + **LIMIT** 5

A screenshot of a menu

Description automatically generated with low confidence