

# Task: Levels of Measurement

## Sales Data Levels of Measurement

| Columns        | Levels of Measurement |
|----------------|-----------------------|
| Order ID       | Nominal               |
| Product        | Nominal               |
| Category       | Nominal               |
| Order Date     | Interval              |
| Region         | Nominal               |
| Quantity       | Ratio                 |
| Price per Unit | Ratio                 |
| Total Sales    | Ratio                 |
| Discount       | Ratio                 |
| Profit         | Ratio                 |

## Customer Feedback Data Levels of Measurement

| Columns                 | Levels of Measurement |
|-------------------------|-----------------------|
| Customer ID             | Nominal               |
| Product                 | Nominal               |
| Rating                  | Ordinal               |
| Feedback                | Nominal               |
| Purchase Date           | Interval              |
| Region                  | Nominal               |
| Customer Lifetime Value | Ratio                 |

## Marketing Campaign Data Levels of Measurement

| Columns         | Levels of Measurement |
|-----------------|-----------------------|
| Campaign ID     | Nominal               |
| Start Date      | Interval              |
| End Date        | Interval              |
| Channel         | Nominal               |
| Budget          | Ratio                 |
| Leads Generated | Ratio                 |

| Columns             | Levels of Measurement |
|---------------------|-----------------------|
| Conversion Rate (%) | Ratio                 |
| Revenue Generated   | Ratio                 |

## Inventory Management Data Levels of Measurement

| Columns          | Levels of Measurement |
|------------------|-----------------------|
| Product ID       | Nominal               |
| Product Name     | Nominal               |
| Category         | Nominal               |
| Stock Level      | Ratio                 |
| Reorder Level    | Ratio                 |
| Reorder Quantity | Ratio                 |
| Lead Time (days) | Ratio                 |
| Supplier         | Nominal               |

## Employee Productivity Data Levels of Measurement

| Columns            | Levels of Measurement |
|--------------------|-----------------------|
| Employee ID        | Nominal               |
| Department         | Nominal               |
| Hours Worked       | Ratio                 |
| Projects Completed | Ratio                 |
| Overtime Hours     | Ratio                 |
| Performance Rating | Ordinal               |
| Salary             | Ratio                 |

## Retail Store Transaction Data Levels of Measurement

| Columns         | Levels of Measurement |
|-----------------|-----------------------|
| Transaction ID  | Nominal               |
| Store ID        | Nominal               |
| Date            | Interval              |
| Customer ID     | Nominal               |
| Items Purchased | Ratio                 |
| Total Amount    | Ratio                 |
| Payment Method  | Nominal               |