Role Description (System): *You are a world-class algorithm for extracting information in structured formats.* {"name": "Computers And Accessories", "description": "Correctly extracted 'Computers And Accessories', with all the required parameters with correct types.", "parameters": {"type": "object", "properties": {"Manufacturer": {"description": "The Manufacturer of the Product.", "examples": ["AMD -> "Advanced Micro Devices", "IBM -> "International Business Machines", "HP" -> "Hewlett-Packard"], "type": "string"}, "Product Type": {"description": "The Product Type of the Product.", "examples": ["HDD -> "Storage Solutions", "Cooler Master" -> "Cooling and Thermal Management", "Battery Module" -> "Power Management and Distribution"], "type": "string"}, "Rotational Speed": {"description": "The Rotational Speed, measured in RPM", "examples": ["10k -> "10000", "7.2k" -> "7200", "5k" -> "5000"], "type": "string"}, "Part Number": {"description": "A unique identifier of the Product.", "examples": ["435952-B21 -> "435952B21", "TRS(23)B-YF" -> "TRS23BYF", "329/339-001" -> "329339001"}, "type": "string"}}}}

Task Description (User): *Split the product title and description by whitespace. Extract the valid attribute values from the product title and description in JSON format.*
Normalize the attribute values according to the guidelines below.
All valid attributes are provided in the JSON schema. Unknown attribute values should be marked as 'n/a'. Do not explain your answer. *Guidelines:*
- Manufacturer: Expand the Manufacturer Name in the product text if it is provided in abbreviated format.
- Give the Product Type as one of the following: Storage Solutions, Servers and Networking, Cooling and Thermal Management, ...
- Rotational Speed: Convert the Rotational Speed into a full numeric value.
- Part Number: Remove any non-alphanumeric characters (like hyphens, periods, and spaces) from the Part Number.

Demonstration – Task Input (User): *Title: "HDD IBM 1-TB"*
Description: "Serial Attached SCSI (SAS) Part# 42D-0672"

Demonstration – Task Output (Assistent): {"Manufacturer": "IBM", "Product Type": "HDD", "Rotational Speed": "n/a", "Part Number": "42D-0672"}
{"Manufacturer": "International Business Machines", "Product Type": "Storage Solutions", "Rotational Speed": "n/a", "Part Number": "42D0672"}

Task Description (User): *(see above)*

Task Input (User): *Title: "HP – 6280-59-B21 - 3TB 3G SATA 7.2K rpm"*
Description: "LFF (3.5-inch) Midline 1yr Hard Drive"

Task Output (LLM): {"Manufacturer": "HP", "Product Type": "Hard Drive", "Rotational Speed": "7.2K", "Part Number": " 6280-59-B21"}
{"Manufacturer": "Hewlett-Packard", "Product Type": "Storage Solutions", "Rotational Speed": "7200", "Part Number": "628059B21"}

(System) You are a world-class algorithm for extracting information in structured formats.

(User) Extract the attribute values from the product title and description *and normalize the attribute values according to the guidelines below* in JSON format.
Valid attributes are Product Type, Size/Weight, Brand.
If an attribute is not present in the product text, the attribute value is supposed to be 'n/a'. Do not explain your answer.
{Guidelines}

Task Input Title: "N'Joy Gourmet Oatmeal Kit Morning Harvest 3.08 oz Bowl - NJO1036601 ReStockIt N'Joy Kit"
Description: "3.08 oz; Packing Type: Bowl. UPC: 086631017723"

Task Output {"Product Type": "Oatmeal", "Size Weight": "3.08 oz" ,"Brand": "N'Joy"}
{"Product Type": "Snacks and Breakfast", "Size Weight": "87" ,"Brand": "N'JOY"}

(User) Extract the attribute values from the product title and description *and normalize the attribute values according to the guidelines below* in JSON format.
Valid attributes are Product Type, Size/Weight, Brand.
If an attribute is not present in the product text, the attribute value is supposed to be 'n/a'. Do not explain your answer.
{Guidelines}

Title: "Quaker Foods Real Medleys Oatmeal 2.64oz Cup Apple Walnut Oatmeal+ 12/Carton - QKR15504 ReStockIt Quaker Oatmeal" Description: "Convenient, portable packaging makes it easy to enjoy oatmeal UPC: 030000315507"

{"Product Type": "Oatmeal", "Size Weight": "2.64 oz", "Brand": "Quaker Foods"}
{"Product Type": "Snacks and Breakfast", "Size Weight": "75", "Brand": "QUAKER FOODS"}

Guidelines:
- Brand: Return the Brand in Uppercase Format
- Size/Weight: Convert and round Size/Weight to grams. If in oz, kg, or lbs, output as a number in grams; otherwise, leave unchanged.
- Product Type: Give the Product Type EXACTLY ONE of the following: Beverages, Snacks and Breakfast, Sweeteners and Sugars

(System)

You are a world-class algorithm for extracting information in structured formats.
{'name': 'Computers and Accessories',
 'description': 'Correctly extracted `Computers and Accessories` with all the required parameters with correct types.',
  'parameters': {
   'type': 'object',
    'properties': {
     'Product Type': {
      'description': 'The Product Type of the Computers Product.',
       'examples': ['SSD -> 'Storage Solutions', 'CPU Power Module' -> 'Power Management and Distribution', 'DVD-ROM Drive' -> 'Data Transfer and Connectivity'],
        'type': 'string'},
      'Capacity': {
       'description': 'The Capacity of the Product',
        'examples': ['1024 MB -> '1024 Megabytes', '32GB' -> '32 Gigabytes', '1-TB' -> '1 Terabyte'],
         'type': 'string'},
       'Manufacturer': {
        'description': 'The Manufacturer of the Product.',
         'examples': ['HP' -> 'Hewlett-Packard' , 'IBM' -> 'International Business Machines', 'AMD' -> 'Advanced Micro Devices'],
          'type': 'string'
}}}}

(User)

Split the product title and description by whitespace.
Extract the valid attribute values from the product title and description in JSON format.
[E] Keep the exact surface form of all attribute values.
[N] Normalize the attribute values according to the guidelines below.
All valid attributes are provided in the JSON schema. Unknown attribute values should be marked as 'n/a'.
Do not explain your answer.

Guidelines

Guidelines:
Product Type: Give the Product Type as EXACTLY ONE of the following:
- Storage Solutions
- Server and Networking Equipment
- Power Management and Distribution
- ...
Capacity: Replace 'GB' with 'Gigabytes', 'TB' with 'Terabytes', 'MB' with 'Megabytes', and 'W' with 'Watts'. Remove any hyphens between the numeric value and the unit and ensure there is a space between the numeric value and the expanded unit.
Manufacturer: Expand the Manufacturer Name in the product text if it is provided in abbreviated format.

Title: "459512-001 HP 3G 10K"
Description: "72GB 2.5-inch Serial Attached SCSI (SAS) SFF Dual Port Hot-Plug 10K Hard Drive"

(System)

You are a world-class algorithm for extracting information in structured formats.

(User)

Extract the attribute values from the product title and description *and normalize the attribute values according to the guidelines below* in JSON format.
Valid attributes are Product Type, Size/Weight, Brand.
If an attribute is not present in the product text, the attribute value is supposed to be 'n/a'. Do not explain your answer.

Guidelines

Guidelines:
Brand: Return the Brand in Uppercase Format
Size/Weight: Convert and round Size/Weight to grams. If in oz, kg, or lbs, output as a number in grams; otherwise, leave unchanged.
Product Type: Give the Product Type EXACTLY ONE of the following:
  - *Beverages*
  - *Snacks and Breakfast*
  - *Sweeteners and Sugars*
  - *...*

Task Input

Title: "N'Joy Gourmet Oatmeal Kit Morning Harvest 3.08 oz Bowl - NJO1036601 ReStockIt N'Joy Kit" Description: "3.08 oz; Packing Type: Bowl. UPC: 086631017723"

Task Output

{"Product Type": "Oatmeal", "Size Weight": "3.08 oz" ,"Brand": "N'Joy"}
{"Product Type": "Snacks and Breakfast", "Size Weight": "87" ,"Brand": "N'JOY"}

(User)

Extract the attribute values from the product title and description *and normalize the attribute values according to the guidelines below* in JSON format.
Valid attributes are Product Type, Size/Weight, Brand.
If an attribute is not present in the product text, the attribute value is supposed to be 'n/a'. Do not explain your answer.

Guidelines

Guidelines:
Brand: Return the Brand in Uppercase Format
Size/Weight: Convert and round Size/Weight to grams. If in oz, kg, or lbs, output as a number in grams; otherwise, leave unchanged.
Product Type: Give the Product Type EXACTLY ONE of the following:
  - *Beverages*
  - *Snacks and Breakfast*
  - *Sweeteners and Sugars*
  - *...*

Title: "Quaker Foods Real Medleys Oatmeal 2.64oz Cup Apple Walnut Oatmeal+ 12/Carton - QKR15504 ReStockIt Quaker Oatmeal" Description: "Convenient, portable packaging makes it easy to enjoy oatmeal UPC: 030000315507"