Organize JSON Files Daily

I collect json files from big query daily. I want to save these into a folder structure with year as the main folder and then separated per month

A good folder structure for storing your JSON files would be something like this:

```pgsql
/data
   /2025
      /01
         file1.json
         file2.json
      /02
         file1.json
```

You can use Python to automate this process. Here's a simple script:

```python
import os
import shutil
from datetime import datetime

# Source folder where JSON files are stored
source_folder = "/path/to/source"

# Destination base folder
destination_base = "/path/to/destination"

# Ensure destination base exists
os.makedirs(destination_base, exist_ok=True)

# Process files in source folder
for filename in os.listdir(source_folder):
    if filename.endswith(".json"):
        # Extract year and month from the file's modified time
        file_path = os.path.join(source_folder, filename)
        modified_time = datetime.fromtimestamp(os.path.getmtime(file_path))
        year_folder = os.path.join(destination_base, str(modified_time.year))
        month_folder = os.path.join(year_folder, f"{modified_time.month:02d}")

        # Ensure year and month folders exist
        os.makedirs(month_folder, exist_ok=True)

        # Move file
        shutil.move(file_path, os.path.join(month_folder, filename))

print("Files organized successfully!")
```

What This Does:

1. Reads all `.json` files from your source folder.
2. Extracts the last modified date of each file.
3. Creates a folder structure `/YYYY/MM/` based on the date.
4. Moves the files into the appropriate folder.

Would you like it to rename the files with a timestamp as well? 🚀

ChatGPT kan begå misstag. Kontrollera viktig information.

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