**Comparison Script Documentation**

**Overview**

This script compares data from two JSON files:

1. PDFextracted\_data.json – Contains property details extracted from a PDF.
2. application.json – Contains property details from an application.

The script checks if key details match in both files.

**What Does the Script Do?**

1. **Reads** both “JSON files” – Extracts data from PDFextracted\_data.json and application.json.
2. **Compares “**city, state, and ZIP code” – Checks if the address in both files is the same.
3. **Compares “**building diagram numbers” – Verifies if the building structure information matches.
4. **Prints the results** – Displays whether the values match or not.

**How It Works**

* The script normalizes values (removes spaces, converts to lowercase) before comparison to avoid minor format differences using a function (normalize\_string)
* It searches for specific keys in the JSON data using a function (search\_key).
* It uses another function (diagram\_number\_pdf) to find building diagram numbers.
* The script **prints a summary** of matching or mismatching details.