**(Almost smart) Directory Management Tool**

**File Analysis:**

1. View distribution based on:
   1. Format
   2. Patterns
   3. Age of files
2. Spot Outliers based on:
   1. Age vs. Size
   2. Domain vs. Size
3. Check for duplicates:
   1. Check possible duplicates.
   2. Compare contents of file that are possible duplicates and confirm.
4. Future scope: Can reduce disk space by implementing referencing. Ex. Version control.

**File Cleanup:**

1. Move/Copy/Delete files based on:
   1. Age
   2. Pattern
   3. Size
   4. Format
   5. Combination of all above

Maintain a live Excel sheet

Change configurations without interrupting other transfers.

**Integrate and Automate:**

Automate the above processes and generate periodic interactive reports/dashboards or schedule transfers.

**Machine learning:**

Generate clusters and arrange files automatically (Non sensitive data).

Auto generate directories and map the file and directory history.