```
                    ┌─────────┐
                    │  Start  │◄──────────────────────┐
                    └────┬────┘                       │
                         │                            │
              ┌──────────▼──────────┐                 │
              │ Go to text files    │                 │
              │ folder              │                 │
              └──────────┬──────────┘                 │
                         │                            │  No
                         ▼                            │
          No    ╱─────────────────╲                   │
       ◄────────   Text file to    ╲                  │
                ╲   proceess?      ╱                  │
                 ╲───────┬────────╱                   │
                         │ YES                        │
                         ▼                            │
              ╱───────────────────╲                   │
              ╲    Category Known? ╱───────────────────┘
               ╲─────────┬────────╱
                         │ YES
                         ▼
              ╱───────────────────╱
             ╱  Extract Text File ╱
            ╱    data            ╱
           └──────────┬─────────╱
                      │
                      ▼
              ╭───────────────────╮
             (  Post data to the   )
              ╰───────────────────╯
                      │
                      ▼
              ┌───────────────────┐
              │ Move text file to │
              │ processed files   │
              └─────────┬─────────┘
                        │
                        ▼
              ╭───────────────────╮
    ◄─────────┤   End Process     │
              ╰───────────────────╯
```

Start

Go to text files folder

Text file to proceess? — No — YES

Category Known? — No — YES

Extract Text File data

Post data to the server

Move text file to processed files

End Process

The algorithm will start executing by navigating to the folder containing the text files to be processed.

Once once the folder the folder will start processing the text files one by one.

The category for the text file will be processed and checked whether it is known by the system.

If the category if known, the data for the text file is extracted and sent to the server to be saved.

If the category is not known, the code will terminate and ask the user to fix that category first.

Since there are many text files that would be processed in parallel, the processed text files would be moved to a folder named proceesed_files. This way a file would not be processed twice.

Once all the files have been processed then algorithm will terminate.