## **Business Process Description**

The user provides the following inputs:

* **Log Content Directory Path**: The directory where the log content files are stored.
* **Log Search Directory Path**: The directory where the log search files are stored.
* **Date Range**: Includes the start date and end date, defining the time period for the logs to be analyzed.
* **Output Save Path**: The location where the processed results will be saved as a .csv file.
* **Database Connection Credentials**: The credentials required to connect to the database for data retrieval and storage.

### **Process Workflow**

1. **Input Acquisition**: The program receives the specified parameters from the user.
2. **Data Processing**: The program processes the data from the log\_content and log\_search directories. During this phase, new columns are created to meet the analysis requirements.
3. **Data Aggregation**: The results from log\_content and log\_search are unionized into a single comprehensive table.
4. **Data Storage**: The final table is both saved in .csv format at the location specified by the user and inserted into the Azure MySQL database for further analysis and reporting.