1. How to Run the Command:

To run the command follow these steps:

```
php artisan data:extract {file} {columns?}
```

- Replace `{file}` with the path to the MDB/ACCDB file you want to extract data from.

- Optionally, you can specify `{columns}` to extract only specific columns from the tables.

Example:

```
php artisan data:extract “/path/to/your/file.mdb” AREA SEVERITY WIDTH
```

2. Expected Input Format and Additional Parameters:

- **File Path (`{file}`):** The path to the MDB/ACCDB file .
- **Columns (`{columns}`):** Optional. Specify column names to extract only specific columns from the tables. Separate multiple column names with spaces.

Example:

```
php artisan data:extract “/path/to/your/file.mdb” AREA SEVERITY WIDTH
```

3. Output Data Structure:

The extracted data will be saved in a JSON file with the following structure:

```
{
  "tables_name": ["table1", "table2", ...],
  "tables_data": {
    "table1": [
      {
        "column1": "value1",
        "column2": "value2",
        ...
      },
      ...
    ],
    "table2": [
      ...
    ],
    ...
  }
}
```

- **`tables_name`:** An array containing the names of all tables in the database.
- **`tables_data`:** An associative array where each key is a table name and its corresponding value is an array of rows, where each row is represented as an associative array of column names and their values.

Example:

If you run the command with the following arguments:

```
php artisan data:extract “/path/to/your/file.mdb” AREA SEVERITY WIDTH
```

And suppose the extracted data contains a table named `dt_LCMS_Patch_Processed`, the output JSON file (`worksheetName_data.json`) may look like this:

```
{
  "tables_name": ["dt_LCMS_Patch_Processed", "other_table", ...],
  "tables_data": {
    "dt_LCMS_Patch_Processed": [
      {
        "AREA": "area_value_1",
        "SEVERITY": "severity_value_1"
      },
      {
        "AREA": "area_value_2",
        "SEVERITY": "severity_value_2"
      },
      ...
    ],
    "other_table": [
      ...
    ],
    ...
  }
}
```