***CSV Into Opensearch through script.py***

This is a Python script that indexes the contents of an updated CSV file into an OpenSearch (formerly known as Elasticsearch) index.

The script imports the necessary libraries, including pandas and OpenSearchpy.

The `ensure\_index\_exists` function checks if an index with the given name exists in the OpenSearch instance. If it does not exist, the function creates the index.

The `bulk\_index\_data` function takes in an OpenSearch client, an index name, and a pandas DataFrame. It creates a list of bulk indexing requests, where each request contains the source data for a single row in the DataFrame. The `helpers.bulk` function is then used to execute these indexing requests.

The `main` function reads in the updated CSV file using pandas, initializes an OpenSearch client with the necessary connection details, and creates an index with the name 'csv-index'. It then indexes the contents of the DataFrame into this index using the `bulk\_index\_data` function.

Finally, the script prints a success message if the data is indexed successfully.