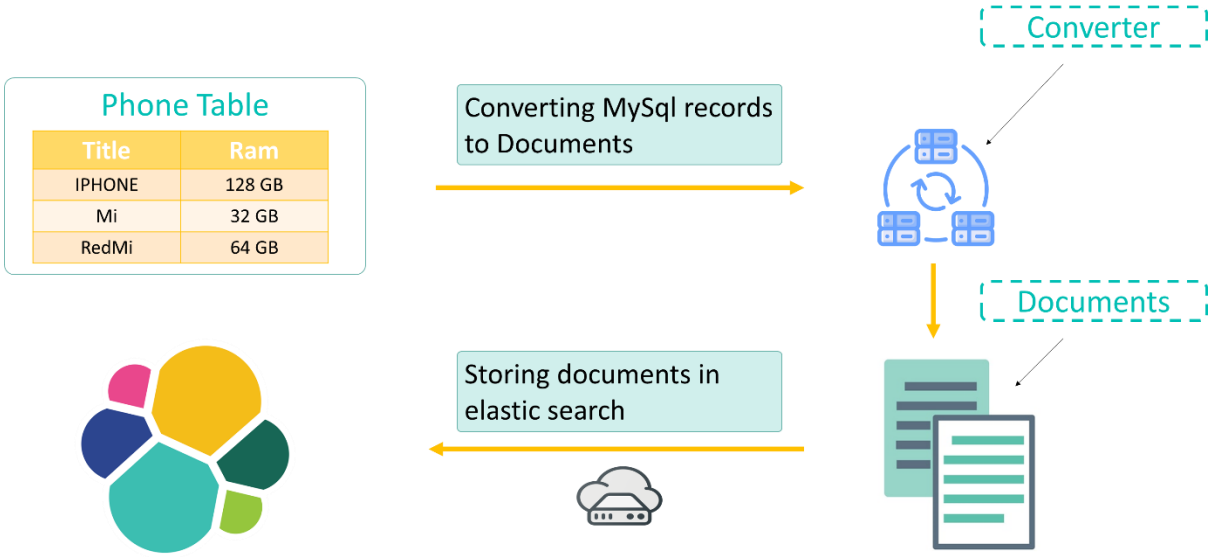
Q.) Why elastic search is not used in place of MySQL?

Some of the reasons why elastic search can not be used in place of MySQL when it comes to storing records:-



Title	Ram
IPHONE	128 GB
Mi	32 GB
RedMi	64 GB

1. Transactions: In Elastic, you can not commit or roll back transition, elastic search does not offer ACID guarantees on the other hand MySQL offer ACID (Atomicity, Consistency, Isolation, Durability) guarantees.
2. Joins: Elastic search does not support joins across multiple tables. Because in elastic you can not get combined data across multiple indices.
3. Updates: In Elastic, multiple updates and deletions in a single transaction are slower than MySQL because elasticsearch may need to rebuild the inverted index for affected documents, which can slow down update and deletion operations. On the other hand in MySQL, row-level locking to prevent conflicts when multiple transactions are accessing the same data. This can allow for high concurrency and fast updates and deletions across multiple tables. Overall, while Elasticsearch can be fast for individual updates and deletions, MySQL can be faster and more reliable for transactions that involve multiple updates or deletions across multiple tables.
4. Data Durability: In Elastic, you can lose data. When you try to index a document in elastic, the document may not be indexed in elastic because of the below reasons.
    - If there is a network issue between the client and the node the request will fail.
    - If there are insufficient resources such as memory or CPU, Elasticsearch may be unable to process the index request.