**Call Record Analysis.**

DESCRIPTION

**Project objective:**

As a developer, write a program using command prompt to perform the call record analysis of ABC Corp.

**Background of the problem statement:**

ABC Corp is a famous telecom company. They have customers in all locations. Customers use ABC Corp’s network to make calls. The government has brought in a regulation that all telecom companies should store call details of their customers. This is very important from a security point of view and all telecom companies have to retain this data. ABC Corp has already stored customer data in Excel for their analytics team. Now they have hired you as a programmer to write a program that can help them store this data in MongoDB.

**You must use the following:**

* MongoDB: A NoSQL database
* MongoDB concepts: Scaling, replication, relationships, and operations in MongoDB
* call\_data.json file provided on LMS

**Data should contain following columns**

* Source: Phone number of caller
* Destination: Phone number of call receiver
* Source\_location: Caller’s city
* Destination\_location: Call receiver’s city
* Call\_duration: Phone call duration
* Roaming:  Flag to check if caller is in roaming
* Call\_charge: Money charged for call