1. What are the different libraries which helps to connect R with MongoDB? 1. What are the different libraries which helps to connect R with MongoDB?

Ans: libraries to connect R : RMango ,rmongodb,mongodbR

2) Explain data storage hierarchy in MongoDB in simple words?

Ans: The data model that MongoDB follows is a highly elastic one that lets you combine and store data of multivariate types without having to compromise on the powerful indexing options, data access and validation rules. There is no downtime when you want to dynamically modify the schemas. So what it means that you can concentrate more on making your data work harder rather than spending more time on preparing the data for the database.

3) Write a query in R and python to store data from R/python to MongoDB

Ans: library(ggplot2)

library(dplyr)

library(maps)

library(ggmap)

library(mongolite)

library(lubridate)

library(gridExtra)

crimes=data.table::fread("Crimes\_2001\_to\_present.csv")

names(crimes)

names(crimes) = gsub(" ","",names(crimes))

names(crimes)

my\_collection = mongo(collection = "crimes", db = "Chicago") # create connection, database and collection

my\_collection$insert(crimes)

4) Why do we call MongoDB as Schema less database?

Ans: MongoDB is a JSON-style data store. The documents stored in the database can have varying sets of fields, with different types for each field.

5) What is the syntax (we write in command line after we initialize mongo.exe) to create a collection and to drop a collection in MongoDB?

Ans :