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1.	Perform the basic operations in R including a) Mathematical Functions b) Trigonometric Functions c) Logical Operators d) Other Built-in Functions	1	02-02-2024	
2.	Explore collections in R and apply different operations on data frames	4	09-02-2024	
3.	Implement different statistical measures on a dataset	11	01-03-2024	
4.	Understanding R language by solving different questions	17	01-03-2024	
5.	CSV File Exploration and R Data Analysis with the mtcars Dataset	23	05-04-2024	
6.	1.. Linear Regression 2. Multiple Regression 3. Lasso and Ridge Regression a. Show the effect of lambda on curve slopes You need to perform the above-given task using the inbuilt function. Design your functions to calculate linear regression.	33	12-04-2024	
7.	Perform Logistic Regression on dataset provided or use any suitable dataset.	38	19-04-2024	
8.	Classifiers in R used to predict specific category related information like reviews or ratings such as good, best or worst. Decision Trees Naive Bayes Classifiers K-NN Classifiers Support Vector Machines (SVM's) Design your own functions to perform the above stated task.	40	26-04-2024	
9.	Implement the Word count Map reduce program to understand the map-reduce paradigm.	48	03-05-2024	
10.	Using MongoDB, create a collection hotel with the following document & demonstrate the CRUD operations	61	03-05-2024	