<u>Department of Data Science, Bishop Heber College Tiruchirappalli</u> <u>NoSQL Database Management Lab</u>

Lab5. Retail Sales Analytics Part-II

Objectives:

In this lab, you will continue the exploration of Retail Sales dataset using multiple tables.

Tasks To Be Done

Question1: Write 3 queries with at least 1 join per query.

Question2: Write at least 3 queries that must use outer joins.

Questions:

- i) Select Sales. Sales_id, feature_date from Sales left join feature_date on Sales. Sales_id = feature_date. feature_id where Sales_id < 5 and feature_id < 5;
- ii) Select Bales. Bales-id, feature-date from Sales right join feature-data on Bales. Sales-id = feature-data. feature-id where Jales-id < 25 and feature-id < 20;
- (iii) select Sales. isholiday, feature_data from Sales inner Join feature_data on Sales. isholiday = feature_data.

 15 holiday where Sales_id <=11 and feature_id <=11;

Question 2:

- 1) SQL> Select Jales. dept from Sales full outer Join Feature. (a) data on Sales. Sales_id = feature_data. Feature_id where Jales_id <=6 and feature_id <=6;
- ii) SQL> Select Sales. isholiday, Sales-id from Sales full Outer join feature-down Sales-id = feature-dota. feature-id where Sales-id <=13 and feature-id<=13;
- iii) SQL> Select weekly-sales from Sales full outer join feature-data on Sales. Sales_id = feature_data. feature_id where Sales_id <= 5 and feature-id <=5;