

## **Project 1 : Group Project: Business Intelligence and Big Data Analytics using Pivot Tables in Excel**

### **Specific Course outcome from this project:**

Students will be able to acquire an understanding of the concepts and skills associated with big data predictive analytics and associated business intelligence

Study the associated file: **Pivot Table Applications in Excel.docx** and **Supermarket Transactions.xlsx**

Use the information provided in class.

Your group is the management team of the supermarket. Your goal is to analyze the Transaction Processing Data (TPS) in the **Supermarket Transactions.xlsx** and come with a strategy to increase the increase the revenue using big data predictive analytics.

You as a group will make a presentation to the class using PPT, EXCEL etc. Each group will develop a detailed project report using detailed charts, figures and more. The expected length of the report is five to 10 pages. Please make sure you provide references for any external resource used and data referenced. Each group will submit one single report – printed hard copy with all PPT used in presentation as appendix. In addition each student should submit a copy of his/her group project report in Blackboard or Moodle.