Assignment No - B10

Roll No.4431

1 Title

BIA tools

2 Problem Definition

Use Business intelligence and analytics tools to recommend the combination of share purchases and sales for maximizing the profit.

3 Learning Objectives

- 1. To understand the concept of Business Analytics and Intelligence.
- 2. To identify BAI opportunities in real world businesses.

4 Learning Outcomes

- 1. Ability to apply BAI tools to real world business problems.
- 2. Acquire proficiency over BAI and its theoretical aspects by applying them in practical.

5 Related Mathematics

mathematical model is given as below,

S=fs,e,X,Y,Fme,DD,NDD,Mem sharedg

Where,

s = Initial State

e = End State

X=input Datasets of share market.

Y=output Bar chart of frequency distribution of share market.

Fme=Algorithms used (Apriori)

for eg.fnextdistance(),estimate(),pathFind()g

DD=Deterministic Data Share market data.

NDD=Non-Deterministic Data.

Mem-shared=memory shared by the applications.

6 Concepts related theory

Definition: It is a place where shares of public listed companies are traded. The primary market is where companies float shares to the general public in an initial public offering (IPO) to raise capital.

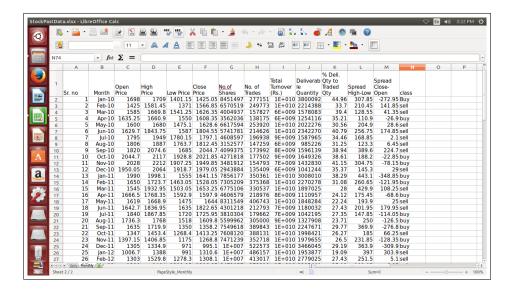
Description: Once new securities have been sold in the primary market, they are traded in the secondary marketwhere one investor buys shares from another investor at the prevailing market price or at whatever price both the buyer and seller agree upon. The secondary market or the stock exchanges are regulated by the regulatory authority. In India, the secondary and primary markets are governed by the Security and Exchange Board of India (SEBI).

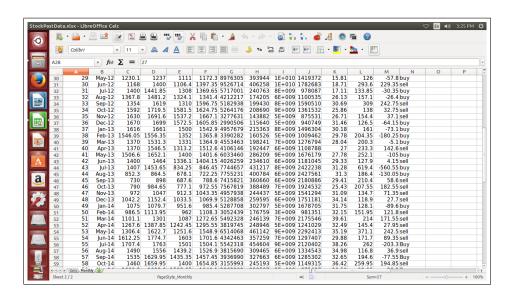
A stock exchange facilitates stock brokers to trade company stocks and other securities. A stock may be bought or sold only if it is listed on an exchange. Thus, it is the meeting place of the stock buyers and sellers. India's premier stock exchanges are the Bombay Stock Exchange and the National Stock Exchange.

7 Output

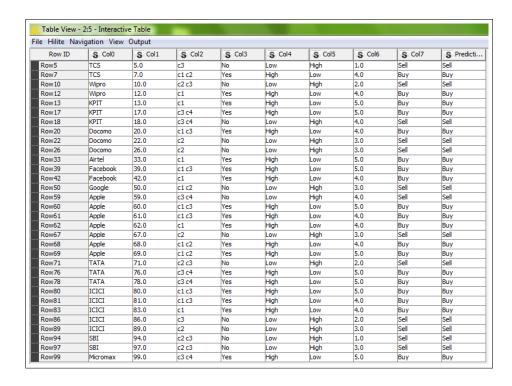
• Input:

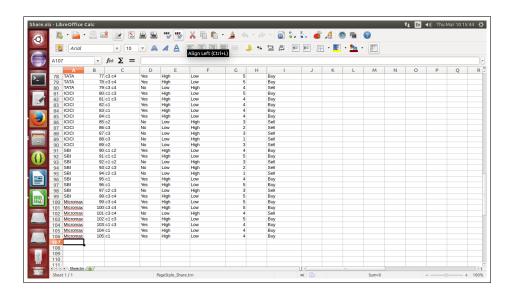
Training Data:

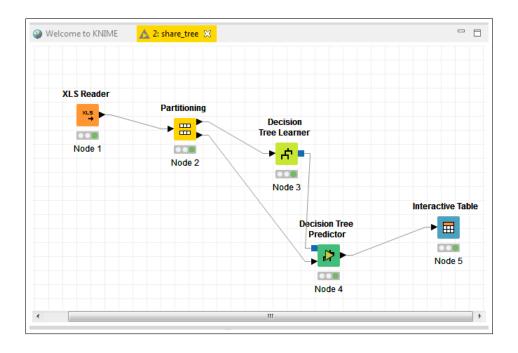


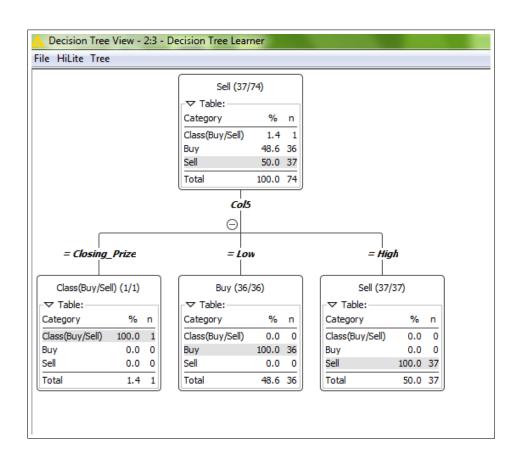


• output









8 Conclusion:

Conclusion: Hence we have used business intelligence and analytics tools KN-IME to recommend the combination of share purchases and sales for maximizing the profit.