

Questions

1) What do the CPI column represent?

Answer: Prevailing consumer price index The Consumer Price Index (CPI) is a measure that examines the weighted average of prices of a basket of consumer goods and services, such as transportation, food, and medical care. It is calculated by taking price changes for each item in the predetermined basket of goods and averaging them. Changes in the CPI are used to assess price changes associated with the cost of living.

2) Does the holiday affects the sells for particular store?

Answer: Yes correct.

3) What will be the final outcome of this dataset, What will be the driving factor for this model?

Answer: The Random forest model has fantastic accuracy 95%

4) What is CPI role for this model?

Answer: The CPI is one of the most frequently used statistics for identifying periods of inflation or deflation. It may be compared with the producer price index (PPI), which instead of considering prices paid by consumers looks at what businesses pay for inputs.

5) Does number unemployment the model?

Answer- It could be, It will get clarified at the end of model. Still I am working on multiple factors and model.

6) Does temperature affects the model?

Answer – Yes

7) What is most sales day in all holidays?

Answer: **Clearly, Thanksgiving has higher sales than the mean sales on non-holidays.**

8) How would you treat 'Unknown' label?

Answer: replace them with nulls first, since they don't provide any information.

Thereafter imputed them with values based on K nearest neighbor to remove all nulls.

However, all three have minimal effect on the dependent variable, so they can be left alone as well.

9) Can this model is applicable to all geographic conditions?

Answers: This dataset is only analyzed or considered for United States of America with 46 stores only.

10) Does geographic conditions change the sales of the store?

Answer: Defiantly it affects the sales depending of location of store.

11) Will this model is ready to use by any store of Walmart?

Answer: I would say model is ready to use in any Walmart store, but it would be much better if there is one more eye and some more testing of the model.