****

**PREDICTING SALES FOR ROSSMANN DRUG STORES**

**By**

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**ABSTRACT**

Predicting sales in advance can increase the profit as well as provide better customer satisfaction. In Retail Industry, sales prediction is one of the important factors which always need to consider in advance before purchasing any amount of product. Data Analytics can provide a more accurate view of the sales information and the type of factor that can affect the sales. Besides that, it can predict the sales of the company from huge amount of data within less time which help retailer to stay in advance compared to the competitor. This project aims at providing solutions to enhance the profit of the retail industry by using predictive analytics. The dataset of Rossman Drug Store which located in Germany is used to conduct the analysis. The analysis is start with the processing of cleaning, transforming data and then tableau is used to discover the hidden pattern inside the data as well as what type of features mostly affect sales. There are four types of feature selection which is Correlation Analysis, Relief, Random Forest Feature Selection, and Xtreme Gradient Boosting Feature Selection are used to identify the best feature which is responsible for increasing the sales of the store. Besides that, three model which is Linear Regression, Random Forest Regression and Xtreme Gradient Boosting are chosen to predict the sales of the store in six weeks advance. Finding revealed that Xtreme Gradient Boosting model with the Random Forest Feature Selection is performed well compared to another model. It comes with the highest score of R2 is 0.82 and lowest Root Mean Square Percentage Error (RMSPE) score of 0.0999.

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# CHAPTER 1: INTRODUCTION TO THE STUDY

## 1.1 Research Background

Big data is a large number of raw data that has been stored and analyzed for getting a better insight about the organization, which provide a better view about the future marketing strategies based on the past history of the organization. Data analysis can enable a number of benefits for the organization which is cost saving, time reduction, recognize the marketing environment and determine product based on the customer need. Many industries like banking, healthcare, manufacturing, insurance, education, and customer trade use data analysis to uncover hidden pattern, marketing trends, customer need and other beneficial knowledge that can provide better marketing decision for the organization (Elgendy & Elragal, 2013).

Data-driven decision-making provides several benefits to the retail industry by showing the right information at the right time. Sales analysis provide a visualize pattern which will help the retailer to understand both opportunities and problem inside the organization. It helps the retailer to reach their goal by providing an easy and measurable track (Muller et al., 2016). Moreover, sales analysis helps to determine the customer need by identifying the purchasing type which provides an accurate decision about the future promotion of the product as well as personal information of a customer creates a better understanding about personalized marketing strategy. Customer feedback about a certain product help to recognize the successful product and improved knowledge about future product offering (Wang, 2016).

It is proved that a company can achieve 97% more profit by applying the sales forecasting technique otherwise the percentage of profit is 55%. Inaccurate forecasting can create a number of disadvantages to the company which is staff lose their confidence and the money loses by the investor. Ultimately the result is the company’s failure (Apollo, 2012).

Therefore, the purpose of this research is to apply the most appropriate sales prediction model on the dataset of largest retailing company Rossmann drug store to predict their six weeks of daily sales in advance and identify the number of a factor which influences the sales of the company.

## 1.2 Problem Statement

Sales forecasting is the backbone of any type of business, it may be small or large because a business growth is a measure by using sales (Nunnari & Nunnari, 2017). In the organization, selling of each day, month or year is changing continuously (Kaneko & Yada, 2016). So, it is quite challenging for the sales leader to forecast about the right selling history at the beginning of each month or year.

One of the common problems about retailing is poor inventory management that makes a huge dropping sale in the business because the retailer is unaware about which product can be more demandable on a specific time (Zhang & Perry, 2016). One of the biggest examples is that the biggest brand Nike need to pay $100 million dollars for their poor inventory management (Galic, 2016). Hence, it shows that managing inventory system is one of the crucial matter about the retail business.

Moreover, the retailer still uses Excel sheet or spreadsheet for tracking their inventory system manually that is one of the biggest mistakes for making a better decision about the demandable product as well as this can cause a loss in their business because using a spreadsheet is the ineffective way to identify the valuable product. Since, it is taking much more time, energy and inclined to human error (Kaneko & Yada, 2016).

Therefore, it is necessary to make a better predictive analysis by using a suitable algorithm that can discover the most desired product of the present market within less time and provide a more accurate result that will be one of the advantages for the organization to be ready in advance compare to their competitor

## 1.3 Rationale

According to the problem stated above, it shows that this analysis can save more time and energy as well as it will show the correct prediction about the future marketing sales that can help smaller or bigger business to make more profit and understand their customer demand. In this way, the analysis of the sales forecasting can make the organization more competitive and increase their business revenue.

This system assists the organization to find the valuable data by utilizing their past history that can improve performance, provide a better suggestion about risk management and discover a valuable pattern that may be hidden in the past data. Data analysis is a new opportunity for staying ahead of the competitor, maximize the cost efficiency and make a better business decision about the organization.

## 1.4 Potential benefits

### 1.4.1 Tangible benefits

1. Save the valuable time and cost of the organization.
2. Enhance business revenue by selling more product.
3. Provide a list of factors which can increase the average sales of the organization.

### 1.4.2 Intangible benefits

1. Reducing the scope of human error and enhance accuracy.
2. Provide a better future decision for the organization within a short time.
3. Identify the threats of the business at an early stage and decrease the chance of the risk.
4. Providing better job satisfaction for the employees by reducing the monotonous task.
5. Make a better customer satisfaction by providing a demandable product which makes the organization more competitive.

## 1.5 Target users

Administrator and knowledgeable person will be the target user for a decision support system of Rossmann drug store. The user can use this system for predicting the six weeks of sales in advance as well as they can see the number of features which will contribute to the sales. It will help them to make a better decision about the business and become more competitive than before.

## 1.6 Aim and Objectives

The aim of this project is to develop a decision support system which will predict the sales in six weeks advance of Rossmann Drug Store. A visualization dashboard will be provided which will be showing all the relevant information about the sales of each store.

In order to achieve this aim, the following objectives are

* 1. To implement visual analytics for making the data exploration easier.
  2. To identify the significant factor that influences the sales in Rossmann Stores by using feature selection
  3. To develop a single model for predicting the sales of 1,115 Rossmann Drug Stores
  4. To evaluate the predicting model and identify the most accurate model which is suitable for the data sets of Rossmann Drug Stores.

## 1.7 Deliverables - Functionality of the proposed system

Predictive sales analysis of Rossmann drug stores will provide the following deliverables to the user,

1. To generate a single model which will analyze the sales prediction of 1,115 Rossmann drug stores in six-week advance.
2. To allow the user a visual interface which will show an important feature that contributes to the sales.
3. To predict the sales by identifying some trends and pattern in the data.

## 1.8 Nature of Challenges

There is a number of challenges that need to be tackled during the time of sales analysis. One of the challenges is to clean the data in such a way that it will not affect the other variable inside the dataset due to it has a greater chance to affect the accuracy of the prediction. A lot of research needs to be done before removing any row or imputed the missing value in the dataset. Moreover, a number of feature selection need to be done for identifying the best feature which can perfectly suitable for the model.

Another challenge are to choose the right model and technique that can give most accurate prediction which will be quite challenging because there is a number of forecasting model available, for example, Random Forest Regression, Recurrent Neural Networks, and Autoregressive Integrated Moving Average Model. Each model has its own specialization and limitation that is why researcher must be very careful about choosing the right model which will perfectly fit with the given dataset, as well as the accuracy of error, must be less.

Finally, the biggest challenge is to be predicting the sales of 1,115 Rossmann Stores by using a single model due to each type of store have a different number of factor that affecting the sales. Beside that, the pattern of each store is different from each other. Since it is quite difficult to come up with one model that can predict all the store’s sales.

## 1.9 Overview of this report

This project is about the sales forecast analysis of the largest drugstore Rossmann. It is located in Germany and it has 3000 drug stores in 7 European countries. Dataset of Rossmann drug store is collected from the Kaggle and the goal of this analysis is to predict the six-week daily sales in advance.

Chapter 1 is describing the background of the project which is how data analysis is helpful for the organization to reach their goal efficiently. Then the discussion is about the type of problem faces by the retailer that can solve by predicting the sales of the company. Apart from this, the rational and potential benefit is provided. The aim and objective of the analysis as well as target user and deliverable of the system are described in detail. Finally, the discussion is about the type of challenges the developer will face during the time of developing the project.

Chapter 2 is the literature review which is taken from journal article, books and white paper. The description is about how the retail industry and data analytics approaches are related and types of challenges they need to face and what type of solution the researcher suggest about those challenges. Then a detail description is provided about how the sales sector and data analytics are related as well as how the data analysis uses to predict the sales of the organization. A summary table is given which shows the type of algorithm uses by the researcher during the time of the investigation. Finally, a summary is written about the literature review.

Chapter 3 is about describing the programing language that is chosen for developing the sales analysis of Rossmann Store. Moreover, it also describes the libraries, interactive development environment, and the operating system chosen for developing the predicting sales of Rossmann Drugstore.

Chapter 4 is describing the right methodology chosen for the datasets of Rossmann Drug Store. Then detail explanation about each step of the methodology is written, which is business understanding, data understanding, preprocessing, modeling, evaluation, and deployment.

Chapter 5 is about an experimental explanation which is described in chapter 4. It first starts with the data analysis and then explained about the data preprocessing. Data exploratory is done using the Tableau software and each variable is explained with a different type of visualization graph. After that four types of feature, selection is chosen for selecting the most relevant feature inside train dataset. Furthermore, the three-chosen model will be training with the four-feature selection and a detail explanation about modeling is provided.

Chapter 6 is explaining the model based on the value of 5kfold cross-validation and RMSPE. There is total three models with the three-feature selection is chosen and then the result of the model is comparing with the existing study and detail description is given for the result of each model. Finally, the best model is chosen between the three models for predicting the sales of actual test dataset and a table is given which shows the predicted sales value.

Chapter 7 is the conclusion of the project where a detail explanation is done on how the developer achieved the goal of the project and what type of difficulties faces by the developer during the time of developing the model. Besides that, a description is done on what developer can improve about this project in the future.

## 1.10 Project Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WBS-C1 | INTRODUCTION TO THE STUDY | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C1-1-1 | Research Background | 2-hour | 3-June-18 | 3-June-18 | DONE |
| WBS-C1-1-2 | Problem Statement | 2-hour | 4-June-18 | 4-June-18 | DONE |
| WBS-C1-1-3 | Rationale | 1-hour | 4-June-18 | 4-June-18 | DONE |
| WBS-C1-1-4 | Potential benefits | 1-hour | 6-June-18 | 6-June-18 | DONE |
| WBS-C1-1-5 | Target users | 1-hour | 10-June-18 | 10-June-18 | DONE |
| WBS-C1-1-6 | Aim and Objectives | 1-hour | 11-June-18 | 11-June-18 | DONE |
| WBS-C1-1-7 | Deliverables - Functionality of the proposed system | 1-hour | 12-June-18 | 12-June-18 | DONE |
| WBS-C1-1-8 | Nature of Challenges | 1-hour | 13-June-18 | 13-June-18 | DONE |
| WBS-C1-1-9 | Project Plan | 1-hour | 13-June-18 | 13-June-18 | DONE |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WBS-C2 | LITERATURE REVIEW | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C2-2-1 | Introduction | 3-hour | 16-June-18 | 16-June-18 | DONE |
| WBS-C2-2-2 | Retail Industry and Data Analytical Approaches | 1 day | 18-June-18 | 20-June-18 | DONE |
| WBS-C2-2-3 | Challenges in Data analytics | 5-hour | 22-June-18 | 25-June-18 | DONE |
| WBS-C2-2-4 | Sales Sector and Data Analytics | 4-hour | 26-June-18 | 28-June-18 | DONE |
| WBS-C2-2-5 | Comparison of Data Analytics Methods Implemented for the Retail industry | 1-hour | 29-June-18 | 29-June-18 | DONE |
| WBS-C2-2-6 | Summary | 1-hour | 29-June-18 | 29-June-18 | DONE |
| WBS-C3 | **TECHNICAL RESEARCH** | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C3-3-1 | Programming Language | 3-hour | 5-July-18 | 5-July-18 | DONE |
| WBS-C3-3-2 | IDE (Interactive Development Environment) chosen | 1-hour | 10-July-18 | 10-July-18 | DONE |
| WBS-C3-3-3 | Libraries chosen | 1-hour | 15-July-18 | 15-July-18 | DONE |
| WBS-C3-3-4 | Operating System chosen | 1-hour | 20-July-18 | 20-July-18 | DONE |
| WBS-C3-3-5 | Summary | 1-hour | 20-July-18 | 20-July-18 | DONE |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WBS-C4 | METHODOLOGY | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C4-4-1 | Introduction | 1-hour | 3-August-18 | 3-August-18 | DONE |
| WBS-C4-4-2 | Identify the right methodology | 1-day | 4-August-18 | 4-August-18 | DONE |
| WBS-C4-4-3 | Describing the methodology | 5-day | 15-August-18 | 20-August-18 | DONE |
| WBS-C4-4-4 | Summary | 1-hour | 20-August-18 | 20-August-18 | DONE |
| WBS-C5 | **DATA ANALYSIS** | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C5-5-1 | Introduction | 1-hour | 1-September-18 | 1-September-18 | DONE |
| WBS-C5-5-2 | Data Pre-processing | 5-day | 12-September-18 | 18-September-18 | DONE |
| WBS-C5-5-3 | Exploratory Data Analysis | 14-day | 21-September-18 | 10-October-18 | DONE |
| WBS-C5-5-4 | Feature Selection | 15-day | 28-September-18 | 18-October-18 | DONE |
| WBS-C5-5-5 | Modelling | 31-day | 19-October-18 | 30-November-18 | DONE |
| WBS-C5-5-6 | Summary |  |  |  |  |
| WBS-C6 | **RESULT DISCUSSION** | | | | |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C6-6-1 | Introduction | 2-day | 1-December-18 | 2-December-18 | DONE |
| WBS-C6-6-2 | Best Three Model with Feature Selection | 4-day | 4-December-18 | 7-December-18 | DONE |
| WBS-C6-6-3 | Comparing with Existing Study | 4-day | 10-December-18 | 13-December-18 | DONE |
| WBS-C6-6-4 | Best Model | 4-day | 14-December-18 | 19-December-18 | DONE |
| WBS-C6-6-5 | Test Data Prediction | 3-day | 21-December-18 | 25-December-18 | DONE |
| WBS-C6-6-6 | Summary | 3-day | 26-December-18 | 28-December-18 | DONE |
| WBS-C7 | **CONCLUSION AND REFLECTION** |  |  |  | DONE |
| TASK ID | TASK NAME | DURATION | START DATE | END DATE | STATUS |
| WBS-C7-7-0 | Conclusion | 4-day | 1-January-19 | 4-January-19 | DONE |

# CHAPTER 2: LITERATURE REVIEW

## 2.1 Introduction

Business complexity often forces decision makers to predict a decision based on their past experience (Bohanec et al., 2017). Therefore, the calculated result of sales prediction must be in high accuracy because the profit of the business depends on it but it is quite impossible to come up with high accuracy of sales prediction within a less time by following the manual or traditional method (Mahajan, 2017). However, the researcher has proved that high accuracy sales prediction can be performed by using data-driven decision making (Bohanec et al., 2017), where the decision will be made based on the past historical data. The organization who makes the decision of the company based on the data-driven decision making are 5% more productive and 6% more profitable than their competitors (Bohanec et al., 2017).

Sales prediction is one of the important factors for each organization that can increase the profit, decrease the costs and accomplishes greater adaptability to changes. Particularly it can provide a great benefit to the pharmaceutical business because some of the pharmaceutical items have a short timeframe for expiration (Zadeh et al., 2014). Inventory Management is one of the challenges that face by the Pharmaceutical Company since the goal of the company is to decrease the costs and increase the profit. Predicting sales of the company will be utilized as an approach to prevent expenses of unreasonable stock as well as losing a customer due to the shortage of the drug. Therefore, sales prediction is an essential way of making an accurate business plan and becoming more competitive than before (Mahajan, 2017).

## 2.2 Retail Industry and Data Analytical Approaches

The Retail Industry is one of the biggest parts on the planet. This industry is relied upon to develop as the middle classes are expanding significantly in the estimation and in purchasing power. It is evaluated that purchasers and large organization create 2.5 billion GB of information yearly and this is expanding at the rate of 40% year on year. This development in data is conceivable with the coming of fast Internet access and the accessibility of new data types for data analysis. Most of the data are collected from Smartphones, tablet computers, and other electronic devices. These retail information from Big Data are a great method for making a path forward for a marketer to achieve their targets in an effective way (Seetharaman et al., 2016). Big data is not a new idea because large companies, for example, eBay, LinkedIn, and Facebook have been gathering an enormous collection of data since the mid-2000s. Today various organizations are gathering and preparing a lot of data every day. A retailer such as Walmart gathers in excess of 2.5 petabytes of data in every hour only from customer transactions (Matthew et al., 2015).

Big Data has about recognized the right datasets from the vast measure of data which is ordinarily characterized by the three Vs - Volume, Velocity, and Variety (Chandramana, 2018). Volume represents the size of the datasets which are gathered, and Velocity refers to the rate at which data is created and the rate at which data is prepared as well as variety represent the types of data that collected from variety of data sources such as structured, unstructured and semi-structured (Matthew et al., 2015).

Transforming the data into readily consumable models and afterward separating significant bits of knowledge for contriving business strategies. These insights can be utilized to enhance distinctive parts of the business - from promoting and sales, research and activities, and customer services. By gathering these organizational datasets with online networking data streams, they can utilize it for better sales forecasts, outlining suitable campaigns that match their beneficial clients and, in this way consumer loyalty can be enhanced (Chandramana, 2018).

There is a number of data analytical approaches uses by the retail industry to increase their revenue. Below provided a detail description about how the retail industry uses data analytics for forecasting demand and inventory management.

### 2.2.1 Forecasting Demand

Most of the business faces the challenges which are demand forecasting when assessing their sales strategy. This is considered one of the biggest problems due to this provide business decision-making process which involves the availability of business resources. One of the example in the clothes industry is that it is quite difficult to understand the right time for the sale and delivery of a particular product that can satisfy the customer. There is a great risk when the demand is high but the stock is low. Therefore, demand forecasting helps the retailer to decide whether to make this item before the customer purchased. It increases the speed of delivery as well as the unnecessary item is not left in the warehouse. Some of the industry sectors depend on the forecast demand which is ATM cash demand, retailer demand and energy demands (Chang & Meneguzzi, 2016).

(Boldt et al., 2016) used social media data to predict the sale for the Nike brand. They collected the data from Facebook pages and identify the popularity of the product based on the like given by the Facebook user. Then they apply the correlation analysis and scatter plots to identify the dependent and independent variables relationship. After that, they apply the two models for predicting the sales of the Nike Brand which is linear simple and multiple regression. They found that the result of the linear simple model is higher accuracy compare to multiple regression because most of the variables in the dataset are multi-collinear, which causes the difficulties for multiple regression model whereas linear simple model can overcome the problem of multicollinear datasets.

The researcher (Chang & Meneguzzi, 2016) is investigated the performance of Xtreme Gradient Tree Boosting (XGB) as well as another forecasting model which is Naïve, Multilayer Perceptron (MLP), Linear Regression (LR) and Support Vector Regression over the dataset of Computer Retailer Demand. They calculate the performance of forecasting model by measuring four types of error which are Mean Absolute Error (MAE), Root Mean Squared Error (RMSE), Mean Absolute Percentage Error (MAPE) and Mean Absolute Scaled Error (MASE). The forecasting model experiments with both the base and the augmented datasets. In the base dataset, it shows that both MLP and XGB are performing well whereas in augmented dataset XGB performance is higher compared to MLP. Since it shows that the performance of XGB is better for predicting the forecasting demand.

### 2.2.2 Inventory Management

The aim of the worldwide retailer is to provide the right product at the right time by maintaining an available stock of the product. To overcome the problem of stock out, the retailer often has large safety stock but most of the time they cannot sell all the product. Since the left product often causes the reason for the loss in the retail business. Instead of using modern forecasting technique, the retailer still uses traditional way to identify the demand of the certain product in the market that is one of the main reason of stockout or overstock in the inventory management. To prevent this type of problem and increase the profitability of the business retailer need to identify an accurate sales forecasting method that can provide accurate sales demand all the time based on past history (Gemmink, 2017).

(Razali et al., 2017) has experimented with the datasets of Panadol 650mg which starts from 2009 January to 2014 August. The goal of their research is to determine the inventory demand of the medicine Panadol 650mg by using forecasting technique. They use 10 different types of forecasting technique which is Single Moving Average, Single Exponential Smoothing, Double Moving Average, Double Exponential Smoothing, Regression Analysis, Holt-Winter’s Additive, Seasonal Additive, Holt-Winter’s Multiplicative, Seasonal Multiplicative, and ARIMA. They identified that the less Root Mean Square Error (RMSE) is 1334.7793 and it was performed by the Regression analysis technique.

## 2.3 Challenges in Data analytics

With expanding progression of Internet technology, a huge amount of data is gathering into the organization. Data are getting greater and more complex because of the continuous developing of data from numerous gadgets and sources, for example, cell phones, computer, government records, medicinal services records, and social media. An international Data Cooperation estimated that by 2020 the range of data grows up to 35 zettabytes (Le & Liaw, 2017). Since, it is noted that all the data that is available in the form of big data is not suitable for analysis and decision making (P. & Ahmed, 2016). Big data is further characterized by volume, variety, veracity, and velocity. The challenges of big data are differentiated into four categories which are data storage and analysis, knowledge discovery and computational complexities, and information security.

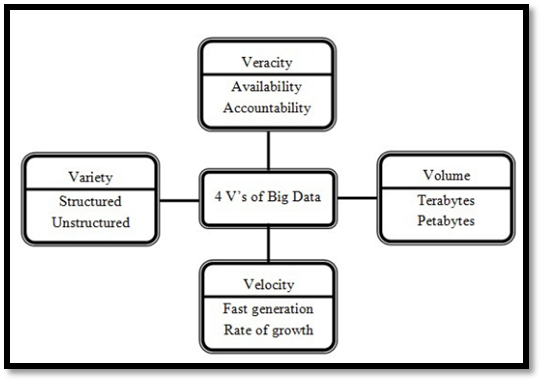


Figure 2. 1: Characteristics of Big Data (P. & Ahmed, 2016)

### 2.3.1 Data Storage and Analysis

Big Data is about gathering of huge and complex datasets which are hard to capture and store, but it can manage successfully by utilizing current database administration software (Matthew et al., 2015). It is one of the biggest challenges to store and retrieve a huge amount of structured and unstructured data at a desirable time lag (Bhadani & Jothimani, 2016). A large volume of data used by the retail industry for working but most difficulties they are facing when the data is a combination of volume with variety and velocity. Difficulties not only create by volume of data but also the variety of sources it comes from as well as velocity. During the time of integration, it is quite difficult to integrate large amount of data with different variety such as structured data which is the data in spreadsheets and databases, unstructured data which is text, video, audio, images as well as semi-structured data such as XML and RSS (Matthew et al., 2015).

Moreover, data mining task is increasing with the growing of dataset that is data reduction, data selection, feature selection is an important task when dealing with the huge dataset because exiting algorithm can be taken more time when dealing with analysis. So, the major challenge is to come up with the design storage systems and the data analysis tool which can provide a better output of the data when it comes from a variety of sources. Finally, a better machine learning algorithm is important for enhancing the scalability and efficiency of the system (P. & Ahmed, 2016).

### 2.3.2 Knowledge Discovery and Computational Complexities

Knowledge discovery is one of the important issues in big data which includes several types of sub-division such as authentication, archiving, management, preservation, information retrieval, and representation. Several types of tools are used for discovering the reliable knowledge from the datasets which is rough set, soft set, principal component analysis, formal concept analysis and many more, as well as some hybrid technique, is also uses to solve the problem, but all these techniques and tool may not be essential for large datasets and it depends on the specific problem. One of the most popular techniques that use for managing large datasets is data marts and warehouse. A data warehouse is responsible for storing the data whereas the data mart is a subset of the data warehouse as well as it facilitates analysis (P. & Ahmed, 2016).

(Hegde et al., 2017) researched that computational complexities are needed for analyzing the large dataset and the important issue that need to handle is uncertainty and inconsistencies present in the datasets. It is quite difficult to develop a comprehensive mathematical system which can easily handle Big Data. However, the tool of big data has poor performance in handling computational complexity, uncertainty, and inconsistency.

### 

### 2.3.3 Information Security

Researcher (Lei Xu et al., 2014) write about that the privacy of an individual about the unauthorized access to the personal data. He mentions that one of the customers is complaining about being a target because they send a coupon for baby clothes to his teenage daughter. Although it was true that his daughter was pregnant during that time and the result of the target is accurate. By using this example, it shows that the private security of individual data exists. Since the solution to deal with this, the researcher is coming up with privacy-preserving data mining (PPDM) technique which provides a safeguard sensitive data from unsanctioned disclosure and also safeguards the utility of the information.

Another study conducted by (Moura & Serrão, 2015) that it is essential to understand how to provide the security for a large amount of structured and unstructured data. Non-approved access to that information to make new relations, join diverse data sources and make it accessible to malignant users is a genuine risk for Big Data. The fundamental and more typical solution for this issue is to include encrypting and everything which can make data secure in any case where the information dwells (data center, PC, cell phone, or any other). As the big data is growing faster than it is necessary to protect the sensitive data by providing encryption, masking, and tokenization.

## 2.4 Sales Sector and Data Analytics

Generally, most of the company’s sales department is managed without any formally characterized sales process and strategy. Most of the cases, salesperson is the one, who is responsible for predicting the sales and measure the performance of the company from their personalized selling approach without taking help of any proper documentation. There is a huge risk of losing money, without a proper evaluation and modeling technique about how the market factors that will influence the business profit. Sales forecasting is considered a highly complex task due to there are many types of influence that are coming from external and internal factor. It is quite difficult to capture the complex factor in a documented manner because the data change over time due to newly brands arrived and changes in product lines as well. Thus, it is unable for the sales and marketing team to manage the marketing activity in an efficient and effective way (Yan et al., 2015).

To solve the problem of enterprise sales prediction system, few statistical and machine learning method have been acquired (Yan et al., 2015). Time series analysis is about creating models that perfectly describe the observed time series in terms of underlying causes, which involves predicting the future based on the past trend sales. There are four kinds of historical sales which are movement related to changes in the business cycle, seasonal difference, irregular and unexplained variation, and long-term business sales. This type of historical sales data can help to analyses the future sales forecast more accurately (Publications et al., 2013). Time series sales forecasting models are about predicting the sales by using a machine learning method, which is further divided into two categories that are linear and nonlinear models (Aras et al., 2017).

Moreover, the forecaster has to choose the right method among the variety of forecasting method because it must be related to the products and organization requirement as well as each method have some advantage and disadvantage. Therefore, there is no ideal forecasting method that can be applied in all the situation. Most of the time, forecaster uses a combination of more than one method to predict the sales more accurately (Publications et al., 2013).

Accurate sales forecasting is one of the crucial factors in the retail industry due to a profit of the business is directly dependent on the sales. Therefore, accurate forecast help to target appropriate company’s activities that is production, finance and purchasing as well as it makes easier to reach the target. Moreover, it is helping the organization for making a better strategic decision concerning their future investment (Aras et al., 2017).

Researcher (Zadeh et al., 2014) research about the sales prediction of a pharmaceutical product. They applied a hybrid neural network which includes both linear and non-linear model. Autoregressive Integrated Moving Average (ARIMA) is used for the linear model and Artificial Neural Network (ANN) for the non-linear model and then combine the result. They identified that the performance of the hybrid model is better than a single model because the hybrid approach is overcome the limitation of pure linear and non-linear problem as well as capture variety of pattern inside data and the products grouping is solved the problem of not having enough recorded data for a particular product because it uses similar group member past record to predict the sales.

(Lu & Chang, 2014) has proposed a hybrid sales forecasting model which is the combination of Independent Component Analysis (ICA), K-means and Support Vector Regression (SVR). This model has three stages for getting the accurate sales forecasting. Firstly, the ICA is applied to the source data for extracting hidden information and then in the next step K-means algorithm uses for clustering the sales data into a few disjointed clusters. A last, the SVR model is applied to each cluster and the result is obtained. The prediction result is again compared with single-SVR, K-means-SVR and ICA- GHSOM-SVR schemes but the proposed hybrid sales forecasting scheme produces the best sales forecasting compare to another scheme.

(Zhang et al., 2017) has investigated the sales forecasting for the electronic vehicle by using Singular Spectrum Analysis (SSA) and Vector Autoregressive (VAR) model. They found that the VAR model is more accurately forecast sales compare to the SSA model. SSA can reduce the strong noise cancellation inside the data whereas VAR is more suitable to obtain a more precise prediction. Beside that SSA is a suitable model for less data requirement and the traditional method VAR can consider consumers preference and factors of the economy. Moreover, the multivariate model is provided more accurate sale forecast and suitable for monthly and yearly forecasting data.

## 2.5 Summary of Data Analytics Methods Implemented for the Retail industry

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Year | | Purpose | Algorithm | Accuracy | Error Rate | Feature |
| Stephan Chang, Felipe Meneguzzi | 2016 | Computer Equipment Demand | | Extreme Gradient Boosting (XGB) | ----------- | Base Data  MAE = 3.37, RMSE= 6.76  MASE=0.85, MAPE= 51.93%  Augmented Data  MAE =2.85, RMSE=5.05  MASE=0.72, MAPE=47.87% | Year, Week, Item, Location, Demand. |
| Neda Khalil Zadeh, Mohammad Mehdi Sepehri, Hamid Farvaresh | 2014 | Pharmacy | | Hybrid Neural Network | ----------- | Drug 24  MSE = 18,695.00  MAE = 90.57 | Code, date, number of sold product |

The table 1 below shows the type of prediction model researched in the literature review and how the model uses in the industry for different purposes as well as it shows the accuracy of the model and the variable of the datasets uses by the researcher to predict the analysis.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Author | Year | Purpose | Algorithm | Accuracy | Error Rate | Feature |
| Chi-Jie Lu and Chi-Chang Chang | 2014 | IT Product Sales Forecast | Independent component analysis (ICA) with K-means clustering and support vector regression (SVR) | ----------- | MAD = 252.12  RMSE = 92.90  MAPE = 0.96 % | Manufacturing |
| Yong Zhang, Miner Zhong, Nana Geng, Yunjian Jiang School | 2017 | Electronics Vehicle | Vector Autoregressive (VAR) | ----------- | MAPE = 29.1%  RMSE =16.31% | (BEVs) Battery Electronics Vehicle and  Plug-in Hybrid Electric **Vehicles** (PHEVs). |
| Nijat Mehdiyeva, David Enkec, Peter Fettkea, Peter Loosa, | 2016 | Evaluating Forecasting Method | Artificial Neural Network (ANN) | 92.80 % | -------------------- | STG (The degree of study time for goal object materails),  SCG (The degree of repetition number of user for goal object materails),  STR (The degree of study time of user for related objects with goal object),  LPR (The exam performance of user for related objects with goal object),  PEG (The exam performance of user for goal objects), UNS (The knowledge level of user) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Author | Year | Purpose | Algorithm | Accuracy | Error Rate | Feature |
| Linda Camilla Boldt, Vinothan Vinayagamoorthy, Florian Winder, Melanie Schnittger , Mats Ekran,  Raghava Rao Mukkamala, Niels Buus Lassen, Benjamin Flesch, Abid Hussain and Ravi Vatrapu | 2016 | Sales forecast | Linear model | ------------ | ---------------- | likes, total posts, total comments, total sharers, unique actors and unique commenters |
| Razali, S N A M  Rusiman, M S  Zawawi, N I  Hartanto, D  Agustinita, A  Mohamad, N O  Razali, C E | 2017 | Inventory demand | Regression analysis | ------------ | RMSE= 1334.7793 | Panadol 650mg |

Table 2. 1: Summary of algorithm accuracy and error rate.

## 2.6 Summary

This chapter is about researching the past data that is related to the retail industry and sales forecasting. All the research paper is taken from journal articles and books. In this section, the discussion is about how the retail industry and data analytics connected to each other which is explaining in detail how it provides the benefit in demand forecasting and inventory management. Besides that, a detail description is done based on the challenges faces by the retail industry during the time of analysis which can be data storage, computational complexity, and data security. Moreover, it also explains how the researcher suggests a solution to every problem related to data that they face during their investigation.

After providing knowledge about how the retail industry and data analytics is related to each other, then a brief analysis is done based on sales prediction using data analytics. The description of sales prediction with data analytics is about how the researcher is investigating each type of algorithm for training their dataset and the number of factors that is creating difficulties during the time of training model as well as what is the good side of each algorithm which provides a clear view about what type of algorithm will be suitable for the project Rossmann data analysis. Finally, a summary table is given which show the type of algorithm uses by the researcher during the time of prediction.

# CHAPTER 3: TECHNICAL RESEARCH

## 3.1 Programming Language

The most popular language that is chosen for data analysis is R and Python. Compare to this both language R is the top listed language for data science whereas python increases the share by 51% in 2015 (MARUTI TECHLABS, 2018). Both languages is open source and provides the large community. There is a number of libraries is provided by R and Python as well as number of new libraries is continuously added which give several options for making the data science easier than before. Python mostly focuses on the general approach to data science whereas R is mostly popular for statistical analysis (Guru99, 2019). Below provided the detail information about this two-programming language

### 3.1.1 R Language

R programming language is released in 1995 from the successor of S programming language and it is mostly focused on the statistical analysis. It has a high learning curve and a mixture of features. This language is highly extensible, and it has a different type of statistical and graphical techniques (Zhang et al., 2016).

Advantage

* R is a free and open source programming language. Hence it can run anywhere and at any time. Besides that, anyone can edit and use it.
* R is cross-platform which means that it can run on any operating system which can be Linux or Microsoft Windows.
* R includes all the relevant feature of statistical analysis package. R always appear first with the new technology and ideas related to statistics.
* R has a larger and growing community of user which is mainly focus on the type of problem faces by the user and most likely able to provide the solution of each problem.
* R provides the advantage of parallelism. Several packages of R provide the benefit of multiple cores on a single machine or over the network.

Disadvantage

* R is one of the flexible programming languages and does not provide strict rules that is why a great deal of order need to follow for maintaining a legitimate coding standard whereas the absence of discipline can rapidly prompt difficulties of maintaining R code. Particularly, when the code becomes larger.
* R is not good in memory management due to when the number of variables increases it requires a lot of space in Ram which consumes more memory and becomes slower than another language.
* R packages need to maintain properly otherwise it can quickly outdated and become deprecated. Beside that R scripts cannot run on the same package with newer version.
* R is written by the statisticians that is why it does not have a consistent syntax. According to this, it is not the best programming language to start learning as a beginner (Paradis, 2005).

### 3.1.2 Python Language

Python is developed by Guido Van Rossum in the late 1980s (Course, 2003). Python is one of the high-level object-oriented programming languages with a simpler syntax and readability. Python is one of the community-based programming language, where the user of the python can easily customize the code and share it with other people. There are several types of customized module is available which is mostly focus on data mining and data analysis. For example, machine learning python, graph analysis, orange, and panda (Kuhlman, 2012).

Advantage

* Python allows both object-oriented and procedure-oriented programming language which is one of the advantages that python is provided.
* Python support multiple platforms that means it can run on any operating system such as Windows or Mac. Beside that python is a portable language that is the code which is written for Windows can run on the Mac operating system without doing any modification.
* Python provides large standard libraries which contain code for different purposes such as documentation-generation, database, email, web browsers and many more. Since, no need to write the complete code manually.
* Python is considered one of the easiest languages compared to another popular language such as Java, R, C++, and C#. The Python syntax can be learned within one hour and besides that, it is easier to understand the code of python.
* Python is a high-level language which means the programmer does not need to recall the system architecture during the time of coding as well as no need to manage the memory. This makes python more programmer friendly (VanderPlas, 2016).

Disadvantage

* Python is an interpreted language which makes the slower speed of execution compared to the other language C++ and C due to it is not working as a compiler.
* Python has a number of design restriction which is it does not provide variable declaration during the time of writing code that increases run time error. Beside that it needs more time to test as well as the bugs of the program can only be seen during the run time.
* Python consumes higher memory. Besides that, the flexibility of the language is one of the reasons for advantage and disadvantage because it can be easily hacked by other people due to it is not used in web browsing.
* Python is mostly used on desktop or server whereas it is not most popular for mobile and game development (VanderPlas, 2016).

### 3.1.3 Chosen Language

After providing the information about two languages, the developer chooses python programming for data analysis because the code in python is more fluent and natural style. The syntax of the python is easier to understand compared to another language like R as well as it is good for the beginner to learn easily and quickly due to the short learning curve. Python is considered a scalable and faster language. There are a number of libraries provided by python for data science which is Pandas, Stats Models, NumPy, SciPy, Scikit-Learn and many more. Moreover, python has a variety of visualization option that provides a better understanding of data by creating the charts, graphical plots, and web-ready interactive plots. Data analysis mostly uses the machine learning to maximize the value from data. Python makes the machine learning more easy and effective by providing the most efficient tool.

## 3.2 IDE (Interactive Development Environment) chosen

Jupyter Notebook App is a server-client application that permits altering and running notebook documents by using an internet browser. It can be running on a local desktop without requiring any internet access otherwise it can also have the option to install on a remote server and accessed by using the web. Moreover, Jupyter Notebook has a Dashboard for displaying, editing, running notebook documents and control panel for showing the local files (Nielsen, 2017).

Another tool will be used for the feature selection which is Orange. Orange is an open source toolkit which is written in python. It is mostly used for machine learning, data visualization, data analysis, and data mining. There are a number of the model is provided for predicting the data as well as evaluate the model (Cho et al., 2016). One of the algorithm Relief will be used from the Orange Toolkit to select the best feature of the training dataset.

## 3.3 Libraries chosen

Python Data Analysis Library (Panda) will be used for the data analysis which is one of the most preferred and mostly uses the tool as well as it is open source under a license of BSD and the name of the writer is Wes McKinney. The advantage of using panda is that it takes the file of CSV, TSV, SQL database and develop a python object with rows and columns that is called data frame which looks like a table in statistical software (Crist, 2016).

NumPy library will be used for supporting multidimensional arrays and matrices. It is an open source library which is created by Jim Hugunin (Schillaci, 2017). Besides that, SciPy library will be used for the calculation of the summary statistics. SciPy provides a number of toolboxes which contain the submodules of the application like statistics, integration, optimization and many more. It is one of the standard scientific computing libraries in python which works efficiently with NumPy array (Varma & Virmani, 2016). For visualization of box plot and histograms as well as a correlation matrix, Matplotlib will be used which is a 2D plotting library provided by Python (Matplotlib, 2018).

Another library will be used for the model of predicting sales which is XGBoost library. It is an optimized distributed gradient boosting library which is designed to be a highly flexible, efficient and portable. Gradient Boosting framework is used for implementing a machine learning framework. It gives a parallel tree boosting that solve numerous type of data science in a quick and precise way (Chen & Guestrin, 2016b).

Moreover, a library which is Scikit-Learn will be using for working with another model that is linear regression and random forest. It is a package that provides a number of the effective common algorithm. It is very useful and has complete online documentation as well as it is characterized by a uniform, clean and streamlined API. The advantage of using this library is that it is easier to switch new algorithm after getting a basic understanding of the uses and syntax of Scikit-Learn (VanderPlas, 2016).

## 3.4 Operating System chosen

Windows operating system will be chosen for developing the analysis of Rossmann drug store sales. It will be running on Windows 7, 8 and 10 version.

## 3.5 Summary

This chapter is about choosing the right language, library and operating system which will be used for developing the decision support system for predicting Rossmann Drug Store sales. After the research, the developer finds out that Python version 3 will be the best language for working with this analysis due to this language is easier to learn for the beginner and there are many libraries for data analysis.

Apart from this, the developer chooses Jupyter Notebook as an interactive development environment due to it has a number of option which makes easier to work on the data analysis. There are five types of the library is chosen for the analysis one is a panda, Numpy, Scipy, Matplotlib, Scikit-Learn, and another one XGBoost algorithm. Furthermore, windows are chosen for the suitable operating system for working with the data analysis.

# CHAPTER 4: METHODOLOGY

## 4.1 Introduction

The methodology is used for making the data mining process more reliable and efficient. It provides a framework with the goal of review and refining the prediction model. Below provides the detail description about two mostly uses the methodology for data analytics and then one of the methodologies will be chosen for analyzing the sales data of Rossmann Drug Store.

## 4.2 Identify the right methodology

### 4.2.1 Knowledge Discovery in Database (KDD)

Knowledge discovery in databases (KDD) is the procedure of discovering helpful knowledge from a huge collection of data (Techopedia, 2018). It is the process that widely uses in data mining technique that includes data selection, data preprocessing, data transformation, data mining, pattern evaluation or interpretation (Grady, 2016). Below provided the detail description of each of this process.

1. Data Selection: This step is involved in creating a target dataset and identifies a subset of variables or data samples on discovery need to be performed.
2. Data Preprocessing: This step is about cleaning the target data and preprocessing in terms of obtaining reliable information.
3. Data transformation: The goal of this step is to transform the data with dimensionality reduction.
4. Data mining: In data mining process, involves generating patterns in a specific form by using a different algorithm that is decisions trees, classification rules, and regression models etc.
5. Pattern Evaluation/ Interpretation: Here the analyst, find the meaning of the extracted pattern and models that used to generate during the data mining process.

### 4.2.2 Cross-industry standard process (CRISP)

Cross-Industry standard process (CRISP) it is a strong iterative model that have loops between several of the steps and all the step is divided into sub-steps that can give clear information. This model mostly uses in marketing, sales, and medicine. Since it has six steps, that is business understanding, data understanding, data preparation, modeling, evaluation, and deployment (Sastry & Babu, 2013). Below provided the detail description of the six steps that are,

1. Business Understanding: - The first step focuses on the understanding of the requirements and objectives at a view of business perspective. After it is getting a clear understanding, it converts the problem in a data mining definition, then it finds a solution to reach the project plan.
2. Data Understanding: - This step involves data collection and becomes familiar with the data by studying the type of variable, instance, data type and the description of every variable. So, it can help to identify the data quality problems.
3. Data Preparation: - This phase involves preparing the final dataset from the initial raw dataset that can be transferred to the data mining tool in the next process. It includes a record in the table, selection of attribute, cleaning data, new attributes construction, integration, and data transformation.
4. Modeling: - Modelling technique involves selecting the various model and applied on the train dataset. Moreover, the train dataset needs to split into train and test so that evaluation metrics is calculated from the test dataset. It usually uses a different type of model by using different parameter and analyze the how the model is performing.
5. Evaluation: - Here the error metrics of the model is uses to differentiate the number of a model which is trained and then try to focus from a business objective perspective about why the other model is not performing well. After that, at the end of this phase, the best model is chosen for the data analytics.
6. Deployment: - This step is about creating a final report about the research which contains the summary of the project and experience during the time of developing the sales analysis. However, a dashboard will be developed which organized and presented the knowledge in a way that customer can understand and use in their business.

### 4.2.3 Justify your selection

After getting a clear understanding of the two methodology which is CRISP and KDD. The chosen methodology will be Cross Industry standard process (CRISP) because it covers the business understanding that helps the developer to get a clear understanding about business perspective. The aim of this stage is to uncover some essential factor that might influence the outcome of the project. Fail to look over this stage, might be creating the right answer for the wrong question. Besides that, the CRISP methodology is the perfect fits for analyzing the Rossmann drug store sales due to it provide the iteration step that reduces the chance of risk (Europe, 2018).

In general, many of the tasks can be performed by using backtrack to previous tasks if necessary. The CRISP methodology does not require to follow the straightforward sequence of the step (Europe, 2018). Moreover, CRISP is also covering all the steps, which is present in KDD. Below provide a table about how each step is overlapping between two methodologies.

|  |  |
| --- | --- |
| CRISP | KDD |
| Business understanding | Pre KDD |
| Data Understanding | Selection |
| Pre-processing |
| Data preparation | Transformation |
| Modeling | Data mining |
| Evaluation | Interpretation/Evaluation |
| Deployment | Post KDD |

Table 4. 1: Difference between CRISP-DM and KDD (Azevedo & Santos, 2008).

## 4.3 Describing the methodology

A screenshot of a cell phone

Description generated with high confidence

Figure 4. 1: Data Analysis Approach

### 4.3.1 Business Understanding

Rossmann is the second largest drugstore in Germany. It has 3000 stores in 7 European countries. Currently, it is difficult for the manager of Rossmann Store to predict their six weeks sale in advance due to a number of factors are influencing their sales which is promotion, a state holiday, seasonality, school, competition, and locality. So, the business objective is to determine the number of a factor which is mostly depended for increasing as well as decreasing the sales of the Rossmann Drug Store. Besides that, developing a model which can accurately predict their six weeks sales in advanced.

Moreover, reliable sales forecasting will help the store manager for making better staff schedules which increase motivation among the staff member and enhance the productivity of the company. This also helps store manager to stay focused on the product which is more important to them and their customer.

### 4.3.2 Data Understanding

The dataset of Rossmann drug store is collected from the online open sources which are Kaggle website. Kaggle is one of the most popular Google-owned platforms for predictive modeling and analytics competition where many companies and researcher upload their dataset (Dar, 2015).

Rossmann Dataset contains three types of (.csv) file which is train.csv, store.csv, and test.csv. The training dataset includes the daily sales history of the Rossmann shop and store dataset contain all the general information related to each 1,115 Rossmann Drug store. Test dataset is similar to train dataset without the feature sales and customer. Sales are the dependent variables which need to predict in 6 weeks advance and contain an additional feature ID which is the tuple of store and date feature that is used to predict sales for submission in Kaggle. Besides that, train dataset contains all the information from 01/01/2013 to 7/31/2015 whereas test dataset contains all the information from 01/08/2015 to 17/09/2015. Below provides the detail information about each dataset.

#### 4.3.2.1 Train Dataset

There are total 9 features and 1017210 observations in train dataset. In Table 4.2 provide the detail information about each feature, measurement scale, possible values and data types

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Feature/Variables | Measurement Scale | Possible Values |
| 1 | Store | Nominal | 1 to 1,115 |
| 2 | DayOfWeek | Nominal | 1,2,3,4,5,6,7 |
| 3 | Date | Interval | 1/1/2013 to 7/31/2015 |
| 4 | Sales | Ratio | 0 to 41551 |
| 5 | Customer | Ratio | 0-7388 |
| 6 | Open | Nominal | 0 (closed),  1 (open) |
| 7 | Promo | Nominal | 0(No Promotion),  1 (Offering Promotion) |
| 8 | State Holiday | Nominal | a: Public Holiday  b: Easter Holiday  c: Christmas Holiday  0: None |
| 9 | School Holiday | Nominal | 0(No)  1(Yes) |

Table 4. 2: Train Dataset

#### 4.3.2.2 Store Dataset

Store dataset contains 9 features and 1115 observation. In Table 4.3 provide the detail information about each feature, measurement scale, possible values and data types.

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Feature/Variables | Measurement Scale | Possible Values |
| 1 | Store | Nominal | 1 to 1,115 |
| 2 | Store Type | Nominal | a, b, c, d |
| 3 | Assortment | Nominal | a: Basic  b: Extra  c: Extended |
| 4 | Competition Distance | Ratio | 20-75860 |
| 5 | Competition Open Since Month | Interval | 1(Jan) to 12(Dec) |
| 6 | Promo2 (Long term promo) | Nominal | 0 (closed),  1 (open) |
| 7 | Promo2SinceWeek | Interval | 1-50 |
| 8 | Promo2SinceYear | Interval | 1900-2015 |
| 9 | PromoInterval | Ordinal | (jan, apr, jul, oct)  (fab,may,aug, nov)  (mar, jun, sept, dec |

Table 4. 3: Store Dataset

#### 4.3.2.3 Test Dataset

Test dataset contains 8 features and 41089 observations. In Table 4.4 provide the detail information about each feature, measurement scale, possible values and data types.

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Variables | Measurement Scale | Possible Values |
| 1 | Id | Nominal | 1 to 41088 |
| 2 | Store | Nominal | 1 to 1,115 |
| 3 | DayOfWeek | Nominal | 1,2,3,4,5,6,7 |
| 4 | Date | Interval | 01/08/2015 to 17/09/2015 |
| 5 | Open | Nominal | 0 (closed),  1 (open) |
| 6 | Promo | Nominal | 0 (No Promotion),  1 (Offering Promotion) |
| 7 | State Holiday | Nominal | a: Public Holiday  0: None |
| 8 | School Holiday | Nominal | 0(No)  1(Yes) |

Table 4. 4: Test Dataset

Feature inside the dataset is divided by different type of measurement scale which describes the type of information within values assigned to variables. There are four types of measurement scale which are commonly used in statistical analysis, they are nominal, ordinal, interval and ratio scales. Nominal and ordinal scales fall under categorical variables whereas interval and ratio fall under continuous variables.

1.Nominal: Nominal variable represents a number which serves a label instead of numeric value (Fife-Schaw, 2006). There is a sub-type of nominal scale with two categories called dichotomous such as (male or female) (Methods, 2018). For example, the value of variables promo from the Rossmann Dataset represents 1 (promo) and 0 (without promo) rather than 0 and 1.

2. Ordinal: Ordinal scale represents the measurement of non-numeric concepts and it defines the relationship in an order to every other value on the scale such as happiness, uncomfortable and satisfaction (Freelon, 2013). For example, in a horse race, the result is defined in three types which is win, place, and show but it does not tell about how much distance between win and place (Velleman & Wilkinson, 1993).

3. Interval: Interval scales is one of the numeric scales where it defines the relationship in order as well as the same difference between each value. One of the common examples is Celsius temperature due to the difference between each value is exactly the same. Another example is Time because it is consistent and measurable (Fife-Schaw, 2006).

4. Ratio: Ratio scale define the order, exact value as well as it also has an absolute zero value. A ratio scale is similar like the interval scale, but the only difference is that they do not have “true zero”. One of the examples of an interval scale, there is nothing about no temperature and it is impossible to do compute ratios without a true zero such as multiplication and division. Example for the ratio scale is weight and height where addition, subtraction, multiplication, and division all are applicable (Fife-Schaw, 2006).

![A screenshot of a cell phone

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confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NQAAkpIAAgAAAAM2NQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 4. 2: Summary of data types and scale measures (Methods, 2018).

#### 4.3.2.4 Description of Variable

|  |  |
| --- | --- |
| Attributes | Description |
| Id | It is an Id that represents store and date which is duple within the test set. |
| Store | It is a unique id represent for each store. |
| Sales | This need to predict which is the turnover on any given day. |
| Customers | The number of customers present on a given day. |
| Open | It is a dummy variable which represents whether the store open = 1 or closed = 0. |
| State Holiday | It represents state holiday, on that day few stores are open and most of the store is closed. Besides that, on public holiday and weekends, all school are closed. a = Public holiday, b = Easter holiday, c = Christmas, 0 = None. |
| School Holiday | It indicates that how store and date are affected by the closure of the school. |
| Store Type | It differentiates 4 types of the store by providing a, b, c, d |
| Assortment | It describes 3 types of assortment level which is a = basic, b = extra, c = extended. |
| Competition Distance | It represents the distance between the nearest competitor and the Rossmann store. |
| Competition Open Since (Month/Year) | It provides the approximate time of year and month when a nearest competitor was open. |
| Promo | It is a dummy variable which represents that the store is running with promo = 1 or without promo = 0. |
| Promo 2 | It represents continuing and consecutive promo for some store. It is also a dummy variable which is 0 = store is not participating, 1 = store is participating. |
| Promo2 since (year/week) | It describes the time in year and week when the store is started participating in Promo2. |
| Promo Interval | It describes the started month of promo2 in each year which is in a year promo 2 started in Feb then May after that Aug and Nov. |

Table 4. 5: Description of Variable

### 4.3.3 Data Preparation

This phase is involved in data pre-processing, where data is preparing and transforming into a suitable form and then use it to train model. The aim of this process is to reduce the size of the data, normalize and remove outlier as well as find the relation between data and extract feature for data. It has several steps that are data cleaning, integration, transformation and reduction (Hu & Kantardzic, 2016). Data cleaning is about filling the missing value, smooth noisy data, correct data inconsistencies and determine the outlier. Data integration is merging data from different sources to form an organized data store (Minnich et al., 2016).

There is a number of ways which is available to make data integration smooth which is correlation analysis, metadata, and data conflict detection. Data transformation is about making confirmation that the data is inappropriate form for mining. Finally, some technique it uses to reduce the data by minimizing the loss of the information content which is data cube aggregation, numerosity reduction, discretization and dimension reduction (Methods, 2011).

Moreover, summary statistics will be calculated for getting information about the dataset which will provide the measure of location, spread, and graph or chart. A measure of location or central tendency provides information about where the trends lie. A measure of spread is giving the information about how the data spread out which is about the test score of a dataset is 60-90 range may be expected while the score of 20-70 might be considered as a problem. Graph or chart is usually used for showing the summary data in a visual way. In Python, SciPy library will be used to calculate the summary statistics of the Rossmann drug store train dataset. In short, descriptive statistics provide a better description and help to provide a better understanding about the features of a specific data set by giving short information about the sample and measures of the data (INVESTOPEDIA, 2018).

#### 4.3.3.1 Data Cleaning

There are six methods which can apply for missing value, they are ignoring the tuple, fill in the missing value manually, use a global constant to fill in the missing value, use the attribute mean to fill in the missing value, use the attribute mean for all samples belonging to the same class as the given tuple and use the most probable value to fill in the missing value (Minnich et al., 2016). In Rossmann dataset, the missing value will be cleaned after analyzing how the six methods will affect the other variable in the dataset and then the best method will be chosen.

#### 4.3.3.2 Outlier Detection

An outlier defines an observation which lies far away from the other values in a random sample which forms a population (Handbook, 2013). Generally, outlier produces in a dataset due to recording or measurement error (Hu & Kantardzic, 2016). However, it is essential to investigate the proper reason of the outlier appeared in a dataset because often it carries some valuable information about the data gathering process. Since it is necessary to investigate before eliminating any type of outlier from the dataset (Handbook, 2013).

#### 4.3.3.3 One-Hot Encoding

Categorical Data represent the type of variable which contains label values instead of numeric values. Nominal and Ordinal are the examples of the categorical variable. The problem of a categorical variable is that only a few algorithms can train from categorical variables such as decision trees whereas most of the algorithm cannot operate with categorical data that is why the performance of the accuracy is decreased. In general, the most appropriate way is to convert categorical to numerical variable so that it can be suitable for every type of algorithm (Golinko et al., 2017).

There are two types of an encoder which are Label Encoder and One Hot Encoder uses to convert categorical to a numerical value. In the Rossmann dataset, One-Hot Encoder will be performed. The one-hot encoder basically takes a column which has categorical data and then it performs label encoded to split the column into multiple columns by replacing with the binary number 0 and 1 based on the column value (Cerda et al., 2018). For example, after one-hot encoding, the StateHoliday feature will change to four new column which is StateHoliday\_0, StateHoliday\_a, StateHoliday\_b, StateHoliday\_c and the value of each column will be changed to 0 and 1. The value 0 will mean that the StateHoliday is not available whereas 1 represents it is available.

#### 4.3.3.4 Data Integration

Data Integration is one of the common industry terms which merge the data from the different separate business system and make it a single unified dataset that is often called “single view of the truth” (Denk & Hackl, 2004). In Rossmann, the store dataset is merged with both test and train dataset for gaining more information about a specific store and how another feature is affected sales as well.

#### 4.3.3.5 Data Transformation

Data transformation is involving in transforming the data into an appropriate form which is easier for mining. There are four types of transformation which are normalization, smoothing, aggregation and generalization of data mostly used. Smoothing is used for removing the noise from the data by using clustering and regression technique. Generalization of data is replacing the raw data to the higher-level concept. For example, numeric attributes which are age will change to higher level concepts like a child, adult, senior (Diah J. et al., 2012). Beside that transformation is done to make the normal distribution of the data when the distribution is showing right-skewed. Normally in this situation log transformation is applied to makes it normal from right skewed (Feng et al., 2014). In Rossmann Analysis, log transformation will be applied to the type of variable whose distribution is right-skewed.

### 4.3.4 Data Exploration using Visual Analytics

Data exploration is about searching for valuable data between thousands of data. Basically, data exploration is finding something valuable information without knowing where it is. By utilizing the best tool for data exploration, it will make easier for IT professionals, analyst and business executives to look deeper inside the data and recognize quickly where to analyze further (Atayero et al., 2018). Data visualization represent the information and data in a graphical way, which is graphs, charts, and maps. It provides an accessible way to understand and view the trends, outlier, and patterns in data. Visualization of data provides a different type of color in the graph, charts, and maps which makes easier to grab the information about the data. A chart with a different color is much easier and quicker to see the trends and outliers of a data set. Apart from this after looking at a massive spreadsheet of data, it is much easier to understand how visualization is more important in the world of data science (Tableau, 2018a).

Univariate analysis means that only one variable is analyzing at a time. There are a number of techniques uses to investigate a different type of variables which is categorical and numerical. The main purpose of Univariate Analysis is to describe the data, summarizes the data and find pattern inside the data (Bertani et al., 2018). The pattern can be described in Univariate data by looking at the mean, mode, median, variance, range, maximum, minimum, quartiles, and standard deviation. Furthermore, Univariate data can be displayed by a number of graphical visualization such as bar charts, frequency distribution tables, frequency polygon and pie charts (Leemis et al., 2012).

Bivariate Analysis defines the relationship between the two variables to identify how important each variable is to predict the target variables. There are three types of bivariate analysis which is categorical and categorical, numerical and numerical, categorical and numerical (Bertani et al., 2018).

Multivariate Analysis is about observation and analysis of more than one outcome at a time. Multivariate Analysis revealed a deeper knowledge than Univariate and Bivariate Analysis (Gahegan, 2005).

For visualizing the dataset of Rossmann Drug Store, Tableau Business Intelligence Software will be used that help the researcher to identify the meaning and understand the dataset of Rossmann. It provides a number of features for data analysis and it supports any type of data format that is CSV, Excel, SQL Database etc. It is an open source software and user do not need to do code for data analysis, it just drags and drops feature (Tableau, 2018).

### 4.3.5 Feature Selection

Feature selection occurs under the step of data reduction, where the process is to select the most important feature that contributes most to the variable which needs to predict. The accuracy of the algorithm like linear and logistic regression is reduced without using appropriate feature selection (Brick et al., 2017). There are three types of benefit provided by the feature selection before applying the prediction model which is,

1. The accuracy of the modeling is increasing due to it decrease misleading data.
2. The training time of model will be faster due to fewer data.
3. It reduces the overfitting due to less redundant data.

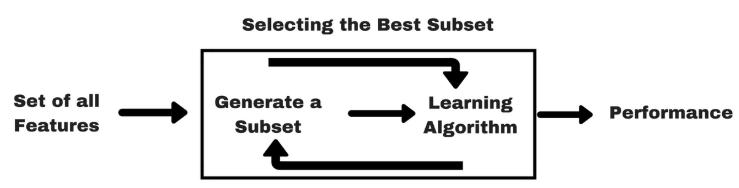
There are three types of feature selection method which is,

#### 4.3.5.1 Filter Method



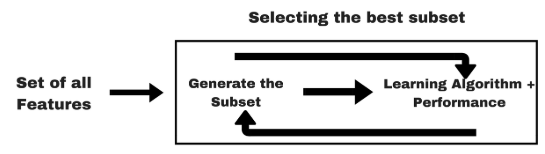
Filter method is executing without any induction algorithm. This feature selection process occurs during the time of preprocessing steps. Filter method is applying to the training data set and the characteristic of this method is to select feature based on statistical dependencies and distances between classes. The generalization is better due to its acts independently. However, the aim of this method is to select a subset with a high number of features. For example, Relief, Correlation-based Feature Selection (CFS), Fast Correlated Based Filter (FCBF), Interact (S´anchez-Maro˜no et al., 2007).

#### 4.3.5.2 Wrapper Method



Wrapper Method is generating the best subset by training the model. Based on the result of the train model, the decision is to take about which features need to remove or add to the subset. This method is considered expensive due to computation. Some of the wrapper methods are Forward Selection, Backward Elimination and Recursive Feature Elimination (Panthong & Srivihok, 2015).

#### 4.3.5.3 Embedded Method



The embedded method is the combination of both qualities, which is present in the filter and wrapper method. It is one of the learning methods that has own built-in selection feature which identifies the suitable feature for the model while it is implemented the algorithm. For example, Lasso and Ridge's regression fall under the embedded method (Zhu & Song, 2013).

In Rossmann Analysis there are four types of feature selection will be used which is Correlation Analysis, Relief Feature Selection, Random Forest Feature Selection, and Xtreme Gradient Boosting Feature Selection. Below a detail description is provided.

#### 4.3.5.4 Correlation Analysis

Correlation is another type of bivariate analysis where it measures the relationship between independent and dependent variables. The relationship between each variable is defined by the value of the correlation coefficient which is between +1 and -1. The value of correlation coefficient is much nearer to +1 means positive or higher correlation between the variables whereas the value close to -1 generally mean negative and weaker correlation between the variables (Gogtay & Thatte, 2017). This method will be implemented in Python using Scikit-learn Library.

#### 4.3.5.5 Relief

In this analysis, Relief which is under the filter method will be used for feature selection of the Rossmann data set. Relief algorithm identifies the quality of the attribute based on how well their values different from instances that are mostly near to each other. Original Relief can deal with both discrete and continuous feature whereas the extension Relief can deal with the multiclass problem as well as it is not only a strong selection method, but it can also deal with noisy and incomplete data (Urbanowicz et al., 2017).

Relief filter method is chosen for the dataset of Rossmann due to it can be applied in all situation and have a low bias. This method will be implemented in Orange.

#### 4.3.5.6 Random Forest Feature Selection

Random Forest Feature Selection is a wrapper method which selects the best feature by training the model. The reason for choosing Random Forest is that it is used tree-based strategies to rank the purity of the node. The node with the lowest impurity sits at the start of the trees whereas the node with the greatest impurity fall at the bottom of the trees. Hence, by pruning trees a subset is created which include all the important features (Perez-Riverol et al., 2017). This method will be implemented in Python using Scikit-learn Library.

#### 4.3.5.7 Xtreme Gradient Boosting Feature Selection

Finally, XGBoost feature selection will be used for getting the best-selected feature to train the algorithm. This feature selection also falls under the wrapper method. XGBoost algorithm picks out the most important feature by calculating weight, gain or cover. The number of times a feature is visible in the tree is called weight and gain is about the average gain of split that uses by the features. Cover is defining the average training loss reduction for splitting using a feature (Xu et al., 2014). This method will be implemented in Python using XGBoost Library.

### 4.3.6 Modeling

#### 4.3.6.1 Linear Regression Model

Regression is a method that is used for modeling a target value which is independent predictors. This method is popular for finding forecasting, relationship effect, and causes between variables. Simple linear regression model falls under the regression analysis. In linear regression, the independent variable must be one and there is a relationship between the independent variable (x) and the dependent variable (y) (Rencher & Schaalje, 2007). The equation of linear regression is

y = a + bx

Where x is an independent variable and y is the dependent variable. The intercept of the equation is a and the slope of the line is b. The value of y which is a, when the value of x is 0. Below provided a linear regression scatterplot (Rencher & Schaalje, 2007).

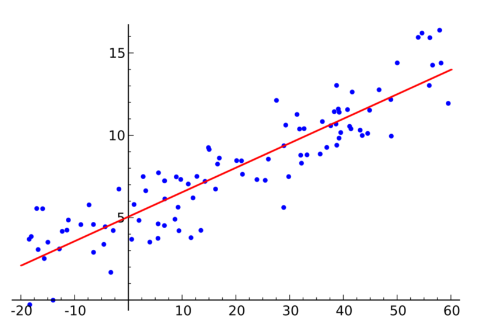


Figure 4. 3: Linear Regression Model (Gandhi, 2018b)

#### 4.3.6.2 Random Forest

Random Forest is a collection of Decision Trees. It is one of the supervised algorithms. The work of this algorithm is to create a forest and make it random. The ensemble of the decision tree is the forest which is created by random forest. In general, ensemble methods combine or use multiple learning models for getting a better predictive result. Random Forest creates multiple decision trees and joins them together to get a more valid and stable prediction. Basically, the more trees in the forest the stronger the accuracy of the forecast (Janitza, Anne-Laure Boulesteix et al., 2012).

The advantage of using random forest is that it is applicable to both classification and regression problem. While the trees are growing, random forest adds additional randomness to the model and it searches the best feature among all the subset of a feature instead of the most important feature while splitting a node. This makes the model more efficient than a decision tree and gives a better result. Since in random forest only a random subset of the feature is taken for analysis by the algorithm for splitting a node. Additionally, thresholds can be used for each feature to make trees more random. Beside that number of the parameter can used to train the model which makes the training more efficient and faster (Janitza, Anne-Laure Boulesteix et al., 2012).

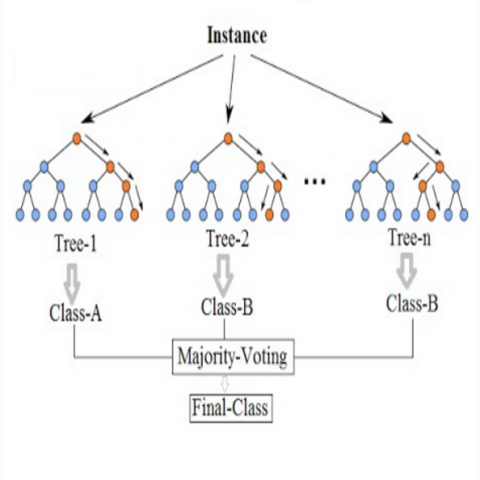


Figure 4. 4: Random Forest (Tibco Community, 2018)

Random forest is used in many industrial sectors like banking, medicine, the stock market, and e-commerce. There is a number of benefits is provided by this algorithm is that in classification, overfitting problem will not come by using the random forest as well as it is used for feature engineering which is it identifies the most important feature in the training data set out of the available feature (Polamuri, 2017).

#### 4.3.6.3 Extreme Gradient Boosting (XGB)

Gradient boosting is an approach where new models are developed that predict the error of the previous model and finally add them together to make the final prediction. It is used a gradient descent algorithm to reduce the loss at the time when new models are added, the name of this approach is gradient boosting. This is applicable for both regression and classification predictive modeling problem. Basically, boosting is an ensemble technique which added a new type of model for reducing the error made by previous models (Brownlee, 2016).

Extreme Gradient boosting (XGB) is an accurate and scalable implementation of gradient boosting machine. The purpose of this model is to increase the model performance and computational speed. It was designed to exploit all of memory and hardware assets for tree boosting algorithm. It offers a different type of advanced features for the computer environment, model tuning and algorithm enhancement (Chen & Guestrin, 2016a).

Decision trees are uses in XGB, as a smaller prediction model. It usually separates the dataset into various categories or leaves. Suppose a dataset D, with the variable X as a predictor and y are considered as a target. Tree Boosting prediction model is a function with symbol which maps a set of features xi to a prediction ŷi (Chen & Guestrin, 2016a). The function is a sum of the weight for the predictor trees q with the given input xi. The prediction is calculated by

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where

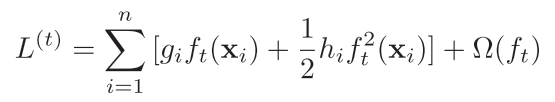
The point is that each tree has its own unique structure that is represented as q and number of leaves as T. Based on the input xi, each tree returns a as a weight value and then the lgorithm will add all the returned weights value for prediction. Gradient Tree Boosting minimize the error between prediction and actual value by using the following equation which is



In the above equation, Ɩ is the prediction error of the loss function, and is the function which control the learning task to limit overfitting. A new equation based on the iteration step t on the input xi, is provided below which is

In this equation, represent the first gradient order of the loss function

and is the second gradient order (Chen & Guestrin, 2016a).

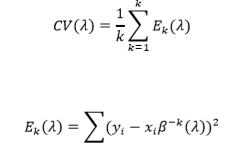


### 4.3.7 Evaluation

#### 4.3.7.1 Model Validation

Cross-validation is one of the standard approaches for validating any type of predicting model without leaking data into the training phase. A k-fold cross validation will be used to evaluate the performance of the prediction model, where k represents 5 folds. The training data set of Rossmann is divided into equal size of 5 sets. Then 4 sets will be taken as training data and the remaining 1 will be used for testing. After getting the result of first time, it will exchange the position in the sets during the time of the second test.

In this way, the training and testing are calculated 5 times by changing their position each time. Finally, add all the value of 5 results and calculate the average accuracy of the model (Jung & Hu, 2015). Below provided the equation of k-fold cross validation., where k = 5 and represent tuning parameter.



Basically, the score R2 will be calculated by using the K Fold Cross-validation. It is a statistical measurement of how closely the predicted data is fitted to the regression line (Alexander et al., 2015). R2 will be using only the time of selecting the best three models for comparing with the existing study.

#### 4.3.7.2 Model Evaluation

Finally, the various model and feature selections will be compared by measuring their performance on the test set by calculating the score of Root Mean Square Percentage Error (RMSPE). Root Mean Square Percentage Error (RMSPE) is chosen for the model evaluation due to in Kaggle the performance of the model score is calculated by using RMSPE.

A picture containing object

Description generated with very high confidence

The above equation of RMSPE is using to calculate the error of the sales prediction between the actual value and predicted value. Where yi represents the sales of a single store on a particular day and the symbol ŷ​i represent the corresponding​ ​prediction. ​This equation ignores the value of 0 sales and the closed stores.

### 4.3.8 Deployment

In this stage, deploying a code representation of the model into an operating system to categorize when unseen new data will arise and develop a mechanism for using the upcoming new data in the solution of the original business problem. Moreover, code representation must be included in all the steps of data preparation leading up to modeling. So, the new raw data will get the same manner during the model development (Vorhies, 2016).

In general, after completing the prediction model of Rossmann Drug Store, it is necessary to make sure how the prediction model is treated with the new upcoming raw data. Furthermore, deployment is beyond the scope of the project.

## 4.4 Summary

This chapter is describing the chosen methodology and its steps in detail. The CRISP methodology is chosen for the analysis of Rossmann dataset. It describes the business understanding then a detailed review of data understanding is provided. Then an explanation of the preprocessing step is given, where the description about how the data will be clean by removing missing value and how the data visualization help to provide a clear understanding of data.

Besides that, it describes the data transformation and feature selection. Cross-validation which is 5k-fold will be applying on the data set for getting the prediction more accurate. Then three types of the algorithm are described that will apply for predicting the data set. Finally, provide the evaluation technique and how the deployment will carry out.

# CHAPTER 5: DATA ANALYSIS

## 5.1 Introduction

Data Analysis is considered one of the important factor for Business Intelligence and Data Mining due to it provide a better insight from the data which help to make a successful business decision by gaining a better understanding of customers, developing more powerful marketing campaigns and many more (Ojha et al., 2017).

Data observing, cleaning, transforming and modeling based on the objective of finding useful information and supporting the process of decision making is called data analysis. There is a different type of technique can be followed for the data analysis such as Business Intelligence, Predictive Analysis and Text Analysis (PAT RESEARCH, 2018). Since Rossmann Drugstore Sales prediction falls under predictive analysis which is considered as a statistical and structural model. Data analysis in statistics can be done by using Confirmatory Data Analysis (CDA), Exploratory Data Analysis (EDA) and Descriptive Statistics.

## 5.2 Data Pre-processing

Rossmann dataset contains three types of data in CSV file which is train, test, and store. In data pre-processing stage, the Rossmann dataset will be analyzed in detail for fixing missing value, outlier inside the data. Beside that one-hot encoding will be applying on a categorical variable, as well as transformation, integration and the analytical feature will be added to make the dataset more applicable for better prediction.

### 5.2.1 Data Cleaning

Data cleaning is finding the missing value in the dataset and fixing it based on the analysis of how another feature is affected. In train dataset, there is no missing value.

![A screenshot of a cell phone

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confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0OAAAkpIAAgAAAAM0OAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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5NQvRNGB9wKWEWwsRnkjc2T05z2qhSAKKKKACiiigAooqa0m+zXkM5XcIpFfb64OcUAJPbT2sgS5hkhcjIWRCpI9eairY1/VrfUmhW0jZI4i5BZAp+Zs46nPrknkk1j0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFakGkpNpqXH2krNIsrpEY/lIjGW+bPBxnHHbrWXV2LVbyGz+yxSqsQ3YxGu4ZxkBsbgDjpmmBZm8N6hFtwqOWQMoU8tlgvAIHQsPzp02gGKKRftUbXMcQmdOAmwuEBDk4zkqeg4PWiLxLerdG5lbfOqyCJkVYwrP8AeYhV+Y9/qAapNqd29kLRpAYQoT7i7ioOQpbGSM84zijQDXm8Kk3nkWU7SiOfyZ2wp2fMAXwrHjnoearL4W1Nlt2EQxOM5yfk+Xd83HoM8Z9OvFQQa/qdrNJLBdFHlmM7kIvzOQRnp/tHjp+VRjWL0Oj74y6ps3GFCWXbtwxx8wxxzmjQNSxdeH7mzsZJ59qGGV45Nx44VGXHqWDnA9B9ayauf2rd/Z5LcSKsMpJeNYlCknbk4AwPuL9Me5qnQAUUUUgCpLeFrm5igjxvlcIuemScVHTkdo5FdGKspypHUGgDS1nRm0hosyGRZdw+ZNrKVODkZOOMH156CsurN5qFzqEivdOGK5wFRUAyck4UAZJPWq1ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXQWemQzaAk72ZO9Jy11uYeWygbF67eTxjGea5+imB1jeGrK0uhFcpdStJBKViXhg6dccfN7YGOO9Z13osFvoa3vmzCZvmCGJioG8rtLYwGGMnJ9sdKxkR5CQisxAycDOBTaACiiikAUUUUAFFFFABU1pGk15DFM2yN5FV2zjaCeTUNFAG54m02106aBbZPKdt4ePDAcNgMN3OD0zwDjgVh0UUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFbNneQf8ACPy2dxdCHlnRYi4d2O3hxjay8dyCOfpWNVmOxuJbRrlVUQqSNzyKu4gZIUE5YjI4GetMDovtWjxarbyWV5DAixTRyyLHIokBGEyAnU5z07dTxVNJ9Gj0y1i8qCWZXUyu7OpJEnPROVK++fbPXGW0uXkEaW8rOSQFCEnI68e1PfTryO1juXtpRDIcK+04NAE2svaSaiXsGVomRThI9oU45HQZ+uBVCp/sN3vdfss25PvDyzlfr6U37NPiM+TJiQEodh+bHXHrSAioqY2twFkYwSARHEh2H5D6H0qGgAooooAKmtHjjvIXnXfEsil1xnK55FQ05VZ2CopZmOAAMkmgDa8TahaX80H2R/OMe/MvzElS2VBLAHI54AwM4FYdWbywubB1W6jCFgcEMGBwcHkEjIIxiq1MAooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVe+2wvpSWlxBIzws7RSJKFA3Y+8CpzyOxFUa07fSBNYrM1xslljllij2ZDLGMtls8cBscHp2oAvnxRGL3zks5FRmlaSPz1O/e6sQSU6fL9enPFVrfXhCtqDbyH7LO0qKJzt2kg7SCCcjHBz+FO/4RXUDdtAjQSbCwd45NyoykAqSB1yw/Oqtxol3a2JuZvLG0nfGHBdAHKZI/3lIp6hoaVv4ta1REit5SiCMAvcZZgsgc5O3nOCvsD7cxSeJ5GSIJE0ZijKgK6gK3lGMMuF3DGc9T0+mMGii7A1U1tzpdxaXaSXLS8q7yDCHCgHpknCgfeweOOKyqKKQBRRRQAVLbztbXUU6AFonDgHoSDmoqkt4WubmKCPG+Vwi56ZJxQBoa1rJ1d4sRGKOLcVUsGxuOcDAAA4HGPX1rLrU1nRm0hosyGRZdw+ZNrKVODkZOOMH156CsumAUUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKtxandw2ZtY5AIiGGCikgMAGAYjIBxyAaqVsW8Gnr4cM92qefJLKiEF9+VVCuMfLjLHOecHimBHdeIL25vJ5VMaRzM58nykZAGbdyCuCcgckZ4qq+oXLwGEyDy2TYVCKBt3l8cD+8Sf/rVrjQ7F9QureB7ydrQskkUcal3IcLlfbk/l78Wh4UsyiIt7IZWcrvCjYwEka8c9/MGKNQOUoq/qtiljcRLGJUEsQk8ucAPHyRhvyz9CKoUgCiiigAooooAKcjtHIroxVlOVI6g02prSNJryGKZtkbyKrtnG0E8mgB95qFzqEivdOGK5wFRUAyck4UAZJPWq1bnibTbXTpoFtk8p23h48MBw2Aw3c4PTPAOOBWHTAKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFbVlfQpoMttNcrGVZpI44y4aRvl+Vxt2svHc5HP0oAxaK6k3+lXWs/arqSz8nyVCx/Z2GW+QMG+Q8gbsEZ6YyKjN/pUsNpbyeQLWC6fevkt5jRbhtIbHTHXnPFOwHNU5EaRgsalmPQKMk11Karo8U9uRFCoW7ikfyi+0AZy+Ni+3y4qCO60qK4sXtp4bcxTRMJFjkDIgTMgcgfMS3Axnv0FFgOc2nBODgHB46GgggAkEA9D61vRzaebS/hnvYSkl2kihEkDSKCc4O3HQ8A45zWgt7ob3FuLie1aGBGQRrA4QgyZ7qTnb3xye/eiwHIUVualHZQ6LDJFCqXFwdqgqQRGhb94P94FBn/Zb1rDpAFFFTWjxx3kLzrviWRS64zlc8igCGitzxNqFpfzQfZH84x78y/MSVLZUEsAcjngDAzgVh0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFWFsZ2svte1VhyVDPIqliMZwCcnGR0qvWjbamkGlTWbwvL5gON8gKIxx8wXbkHjqCM0AQQ6beTqxjt5DtjEoG05ZdwXIHflh0qHyJfKEvlP5bNtD7Tgn0z61rv4iP265uoY50e4GGDXOQv7xHIX5RgfLjHPB9uZ18V7ZllFm27Iynn/JgSmThccNzjd9eOaegGRHp1w63OVEbWyb5I5DtbHsD9R+dI2nXaMymBiysiFV5OXBKjA9QDWh/bdu3mCW1ncG1+zITcjcBuLEsSnJyeOmAMVKPFLkzLJAxjkCgBZArRgRshw23qd2fwx3o0AyRYTGymuTtCwyCORC2GUn2607+zLs6glisLG4cKdgGSNwBGfTg8+lXZ9Zt7iG8WW0mLXJjwwuB8oRcDOV+Ynkk8ZqePxHbxXzXCWc/zJCrZuhuJjwB82zoQoyPXvRoBjvZXKdYJMbioYKSCR1we/Q1EysuNykbhkZHUetdDB4kj8uGCOAWu2ZZWldy6ghmY8BdxzuxjOPpmsjVbuO91GSS3Ro7dcRwIxyVjUYUfXA5980AU6cqs7BUUszHAAGSTTalt52trqKdAC0ThwD0JBzSAkvLC5sHVbqMIWBwQwYHBweQSMgjGKrVqa1rJ1d4sRGKOLcVUsGxuOcDAAA4HGPX1rLoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK2NM0eK4sZLq7mKL5UrRKq5J2AZY+3I47+1Y9Tx3t1DbtBFczJC+d0ayEK2Rg5HSgDXn8PRyalJZ6XdNPKqI4SSPaTuKjr7bs/QGmw+GxdLF9kvo5JJDuClCoCeaY92enUZx1xVGHV7yFt3mtJIsRiieR2JiUjadvPHHFMbU7tra2t1nkSK2H7tUcgA7mbd165Y809AJbvTYbaeRFvoplWHzUeMbtxzjadudp698dPWodMgiutUtoLhisUkqqxHXk9Px6Zpr313I7vJdTM0ieW7NISWXOdp9RntUcFxNazLNbSvDKv3XjYqw+hFAGpDoaTW00zXaxeXLKojKFiVjCljn6N074q5/wj1iNSu4lu3kit9q4b92S7NgDdhvzx6fWsN767kZmkupnLbtxaQnOQAc/UAA/QU8apqCyCRb65DhdgYTNkL6Zz04HFGgGheeHprHQftlxFOs4lUMNv7tUbdjnucqO+PmHesSn+Y/lsm9tjMGZc8EjOD9eT+ZplIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/2Q==)

Figure 5. 1: Missing value of train dataset

Store dataset have some missing value which is shown below,

**![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0MQAAkpIAAgAAAAM0MQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 2: Missing value of store dataset

From the above data understanding it shows that Competition distance is one of the feature which is related to CompetitionOpenSinceMonth and CompetitionOpenSinceYear due to if there is no competitor store open near Rossmann store on a certain month or year then there will be no competition distance for that specific store based on that the null value of Competition distance is set to 0 if the value for CompetitionOpenSinceMonth and CompetitionOpenSinceYear is NaN or 0. Moreover, there are 354 missing values for CompetitionOpenSinceMonth and CompetitionOpenSinceYear which cannot be deleted due to Promo 2 is applicable during that time as well as the Competition distance value is not zero that is why the null values are filling with their mean value.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMyMAAAkpIAAgAAAAMyMAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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there is 544 missing value for Promo2SinceWeek, Promo2SinceYear, and PromoInterval. These three features are related to Promo2 due to this the missing value is represented when the Promo2 is 0 that is why it is filling with 0 value. Below the picture is showing missing value for test dataset,

Figure 5. 3: Missing value of store dataset

There is 11 missing value for Open feature. Based on the research it shows that most of the shop is closed on Sunday due to this, the missing value is replacing with 1 if the DayofWeek is not Sunday.

**A screenshot of a cell phone

Description generated with high confidence**

Figure 5. 4: Store Open on DayofWeek

### 5.2.2 Outlier Detection

Train dataset is analyzing for finding the outlier. Below provided the boxplot diagram for each feature in train dataset.

**![A close up of a white wall

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NAAAkpIAAgAAAAM2NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 5:Outlier Detection in train dataset

Above diagram is showing that there is an outlier in sales and customer features only because the remaining variable are all categorical. The outlier in customer feature will not be further analyzing in depth due to this feature does not present in the test dataset. Sales feature will be analyzing in depth because it is the target variable.

At first glance, it may appear that the value which is greater than 15000 may be considered as an outlier but it is necessary to investigate that still there is any store where sell is quite high than the usual value that is why summary statistics is calculated for the training dataset where selling is higher than 15,000.

![A picture containing text

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMzOAAAkpIAAgAAAAMzOAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 6: Summary Statistics of sales greater than 15,000.

Above analysis from the summary statistics is showing that there is a number of stores which sales are greater than 15,000. Hence it will not be a good decision to remove the row which sales are above 15,000 and further analysis will be done in Univariate Analysis.

Furthermore, store dataset is analyzing for finding the outlier. Below provided the boxplot diagram for each feature in-store dataset.

![A picture containing shoji, building

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0NwAAkpIAAgAAAAM0NwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 7: Outlier Detection in store dataset

From the above diagram of store, dataset is concluded that the outlier is only present in Competition Distance feature where boxplot is showing above 17,000 distances is an outlier, but it also can possible that some of the stores is present above that range. Since based on this the Competition Distance above 17,000 will not be deleted.

### 5.2.3 Data Integration

In Rossmann, the store dataset is merged with both test and train dataset for gaining more information about a specific store and how another feature is affected sales as well. Besides that, it makes the dataset more applicable for predicting the sales using a different type of model. Below provides the detail about merging two datasets.

![A screenshot of a computer

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4OQAAkpIAAgAAAAM4OQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 8: Merging train and store dataset

**![A screenshot of a computer

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwOAAAkpIAAgAAAAMwOAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAIbn/j3b8P51QooqJbjQUUUVIz//2Q==)**

Figure 5. 9: Merging test and store dataset

### 5.2.4 One Hot Encoding

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3MAAAkpIAAgAAAAM3MAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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provide the datatypes of Rossmann train and test dataset.

Figure 5. 10: Data type of train and test dataset

According to the above picture, the feature Date will be converted to day, month, year, dayofyear and week. However, one- hot encoding will be performed on DayofWeek, StateHoliday, StoreType, and Assortment for converting it from categorical to numerical.

## 5.3 Exploratory Data Analysis

Exploratory Data Analysis (EDA) is about data visualization by using a different type of graph, bar, pie chart and many more which mostly help the researcher to identify the characteristics and pattern inside the dataset (Foley, 2018). In terms of big data, systematic error and unexpected variability are one of the common problems for wrong analysis and discoveries (Irizarry & Love, 2018). In research, it shows that humanity is naturally good in pattern recognizing compare to identifying the pattern inside huge data. According to this, it makes easier for the data scientist to recognize the potential reason for different behavior, identify the problematic area inside the data as well as the relationship between the data which help to develop a better model strategy. Hence Exploratory Data Analysis is essential for the data scientist to ensure that the result they are produced from the dataset is valid, correctly interpreted and fulfill the goal of the business (Mawer, 2017).

There are three types of Exploratory Data Analysis is applying on the train dataset of Rossmann Drug Store which includes Univariate Analysis, Bivariate Analysis, and Multivariate Analysis.

### 5.3.1 Univariate Analysis

Univariate Analysis is done with the Rossmann dataset by dividing the variable as a categorical and numerical due to it has a different type of way to describe the pattern inside the value. Beside that tableau are uses for displaying the pattern in a graphical visualization.

#### 5.3.1.1 Categorical Variables Analysis

1. Store Type

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Figure 5. 11: Type of Rossmann Store

The above diagram is showing that there is more number of Store Type “a” compare to the other four types of store. It may be Store Type “a” is more popular or offer more variety of drugs compare to another store.

1. Assortment

A screenshot of a cell phone

Description generated with high confidence

Figure 5. 12: Type of Rossmann Assortment

According to the bar chart of assortment, basic type of assortment is more popular or valuable to the customer that is why the count of basic (a) assortment is more compare to another type of assortment. Moreover, there are few stores who carry the extra (b) assortment which may be more essential for that location or they want to sell some unavailable drugs that only available on that certain stores.

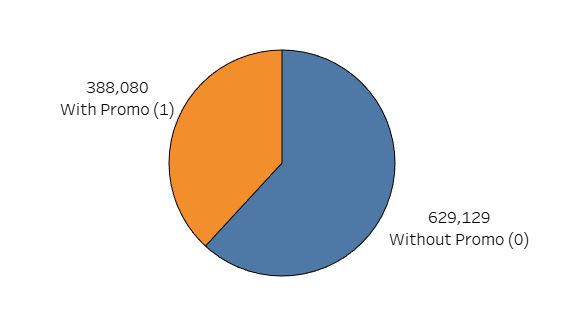
1. Promo

Figure 5. 13: Promotion

Above pie-chart is showing that most of the store is running without promo it may be there selling is quite high due to their popularity that is why they think selling can be higher without promo. However, they are providing promo sometimes it may when their selling is lower that expectation.

1. State Holiday (Train-dataset)

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwMwAAkpIAAgAAAAMwMwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 14: State Holiday from train dataset

Bar chart of State Holiday is showing that there are four types of state holiday is provided in train dataset and there are more Public Holiday compare to other.

1. State Holiday (Test-dataset)

![A screenshot of a social media post

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1NgAAkpIAAgAAAAM1NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

Figure 5. 15: State Holiday from the test dataset

In test dataset has only two types of State Holiday because the timing for test dataset is started from August and finish in September due to this there is no Christmas and Easter holiday. Moreover, bar chart is showing that there is also less number of Public Holiday.

1. ![A screenshot of a cell phone

   Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1MAAAkpIAAgAAAAM1MAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 16: Day of Week

A frequency table is showing a total number of a count each day in a week. It is showing that the more number of count is on Monday, Saturday, and Sunday. However, the frequency table is counting both open as well as closed shop that is why it shows all are like each other. In bivariate analysis, it will go more depth to identify how many shops is open each week.

1. ![A screenshot of a cell phone

   Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM5NgAAkpIAAgAAAAM5NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEN40yWM7Ww3TLGxjHq2OP1rzL4U6H4b1TwXFq+pWtpe6w908l7dXSK00c4kOBuPKn7p4xnPvXqdczc/Dnwnd+IF1ufRYf7QWUTeajugLg53FVIUnPOSOaFpK4PVWPN9R1PWdQ0nxX4rPiq/0670TUXt7XT4pgtuFRgFDxn75bJ69/XpXQWWv6jdePNVNxdzwwnwxHdi285hHDKwBLBc4B569a6nUPh34T1XXRrGoaJbzX24MZCWAcjuyA7WP1BqTWvAfhnxFqkeo61pEN3dRp5auzMMr6EAgHr3BqbPlt/WzV/m9Srrmv8A1un/AMA8zsNQ1rVtK+G9qfEGqWz6mLxbq4huCZJQvTcWyGIHAJBx2rK8QR3138LvFUF/reqXa6JrrW8DT3G4ypvRQJTj5gM5HTB/KvZrXwZoFmNJFtYbP7G8z7B++kPk7/vdW+bP+1mnL4Q0JbHU7M6ejW+rTNPexu7MJZG6tyeOg6Yx2q3u7f1qmiY6ct+n/Bv+aItMsW8M+EJhb39/q7RRPcJLfz+dI525C7gBxxwK8usNV1qy0Pwz4v8A+Eqv7691jUkt7nTZZgbdkdiGVI/4SuByPXtXr2g+HtL8MaWNO0O1+y2gcuI/MZ+T1OWJNZlj8O/Cem68dasdEt4b/cXEgLFVY91Qnap+gFF/fv6f8N8yUvc5fX+vkcZ4H8OY+Lniu4/tjVibC5iPlm6+S43xscSjHzBc/L0xiq3juKab426ett4at/Er/wBjH/QbmSNE/wBY/wA+ZARx+fNeo2Wh6dp2qX+o2dv5d3qLI11JvY+YVGF4JwMD0xSPoGmyeI49ee2zqUVubZJ/MbiMknbtzt6k84zUpaRXb/Kxb3k+/wDnc8fvdI8UeCvCmh2ljcJYajqXiEyJaW87CCEOvywsR95ARkjkfWte5sNej8SaD4J1PxdqKJNbT3lxqFrIYZ7iTccRqxJICjsO3YcY9K1TQ9O1mWyk1K3857G4W5tzvZdkg6NwRn6HIqv4i8J6H4sto4PEGnx3iRNujJZkZD3wykEZ9M0/6+Vkl/mL+vnds8kfxBrt34fsNOXX70m38WrpaanBLtkng7FiOH698g8ZzTL+DW7W38cW8fjDxAY/DrRzWpN588jOmSHfGSvH3QQPavWV8F+Hk03T7CPTI47XTbhbq1jjdl2Sr0ckHLHn+LOe9Pm8IaHcf2v5tju/toKL/wDfOPOCjA/i+Xj+7ik72dt/1stfwY1uv66v9GjgHvNU8YeLLDRbzxFf6LbR6DDqBewmEMlxKwG5i390Z6dOK6j4Ya3fa94DiudUn+0zxTSwC5xjz1RiA/5d/ar+seAfDGv2lnbavpMdxHYxiK3PmOrIgGAu5SGI9iTW1YafaaXp8Vjp9vHbWsK7I4oxhVFOWqkl1v8An/loSk9P66f0zwnRru/tfg34cXTNQudPkuPEggaa2k2ttZnyD2I6cHIOORWlqNnfiH4ieH7nxDrF3a6dZxXUMk9zukJMRdkJx9w9CoAGK9Mi8C+HINItNLi07bZ2d2LyCLz5DsmBJDZ3ZPU8E49qup4c0mPU9RvxZqbnVI1jvGdmYTKq7QCpOAMccDmiWqf9dEl+KKv71/63b/Jnk8sl74U+EOgPpmt6o51yW0illkuVY2aMhLLAW2rH0wMkAeo61Lqcnirw94H8WRz3msR2kcMEunXOoX0T3kZLgOC8Tsceh44r0Cz+HXhSx0e80q20eIWN64eeF5HcMw6EFmJUjtjFMs/hr4R0/SL3TLTR1jtL8KLlPPlJkCnIG4tuGD6GiWvN5/8AA/IUdOXy/wAzh9RtvFvh7wra+LNX8RXNxIL+1uri0hlcRRW5+Vo/vYbO5SeOoPXrVg6697aeLNYvtd1O0sLnVI9N04WMhL/u8AiEE7VLn+Ljua9MvdHsNR0WTSb23EtjLF5LwliMpjGMg5/HOazP+EF8NnwqPDZ0tDpKtuFuZHOG3bs7s7s5J5z7dKctW/67fovxEtEv67/q/wADzixvNTs08daBe3mrXFrDoj3ESaxcRz3ETGNgQXjZhg+mfw9fQ/h5/wAk38P/APXhF/6CKNO+H3hbSYbuLTtJS3S8tTaXASV/3kRzkH5uvP3uvvW3p2n2uk6bb2GnxeVa20Yjij3FtqgYAySSfxo6fd+F/wDNB1/ry/yZZooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKgvP9Qv/XWP/wBDWp6gvP8AUL/11j/9DWgCeiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCBP+QjN/wBco/5vU9FFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUF5/qF/wCusf8A6GtFFAE9FFFAH//Z)Promo Interval

Figure 5. 17: Promo Interval

Promo Interval is defined about the name of the month when Rossmann shop gives Promo2 in a year. Above diagram is showing the Promo Interval for 3 years in the train data. Compare to all, the month Jan, Apr, Jul, Oct provide more promotion.

1. Promo 2

A screenshot of a cell phone

Description generated with very high confidence

Figure 5. 18: Promo 2

Promo 2 define consecutive and continue promo for some store. Above frequency, table is showing that the difference between these two promos is not much far. However, the number of Promo2 given by the shop is more compared to without Promo2.

1. Frequency table of Open and SchoolHoliday

|  |  |  |
| --- | --- | --- |
| Variables | | Count |
| Open | 0 (Not Open) | 172817 |
| 1 (Open) | 844392 |
| School Holiday | 0 (Not Holiday) | 835488 |
| 1 (Holiday) | 181721 |

Table 5. 1: Frequency Table

There are 172817 stores were closed during the 3 years period of train dataset which further reveal that there are no sales as well. According to this, all the information about closed store will be removed from the train and test dataset during the time of training model which reduce the problem of overfitting.

#### 5.3.1.2 Numerical Variables Analysis

1. ![A screenshot of a cell phone

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMxNwAAkpIAAgAAAAMxNwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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![A close up of a device

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4NQAAkpIAAgAAAAM4NQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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BRRRQBk6zqGr2s0FvoejLqEsoZnluLoW8EIGPvMFdsnPAVD0OSK5mb4lyReG7+6/sdTq1jq0ekPYfa/3bzu6KNswTJXEgbOzPBGBR8Q9Y1eLVNK0XTxq1lp14skmo6rpmnTXUsKLgCKPy0fY7En5iOAMjmlt7bwlbeC0srXwlfajo8V1++trrRpmkDkEmdop0Ekpz1ZQzZPscJd/wCt/wDh1+I32/rb+mbMuta9puh6pqWu6PpsKWNpJcRpZ6nJOZSilip3QJt6dfm+lUrTx2dRm8M2un6b517rVol/cRefhbG2KgmRm2/N8xCqMDcc8jFclb6LI03jKbwpot7pnh250J4IrF7OS2FxebXy8VuwDL8pVT8q7j64zT/BWiaj4FutAvI7C/urLXNOtbTUUkSSafT7lI/kY7sssRyylfuocdAcVUdXr5f+3fnZfhtcmWi08/8A238rv/g2PWaKKKQwooooAKKKKACuY1/xB4h0eK/vbfw9aXGm2MbSvLLqnlTSoq7mKRiJl9cbnXOO1dPXm/j1NJ1+K8tb/TfFQ1CBSltHbWlzNbTMpJRtgDWzgnH+tHTrjHEybWxUUm9TYk8dyX93pVj4W0sahe6lpw1PZd3BtkgtzgKXYI53EnAUKeh5AFVz8Som0LSb9NMkE95rSaLdWskwVrSbeVfJAIbBXI6ZBB4rKso9a8PeMNM8S+JNNuJvt3h+Kxv/AOzLV7j7NdI+/HlxBm2tuIyAQCOwIrBu/CerXfhixlu9NvopNX8apqkttCXWa0t3YgF2jOYyFAJII2k9QRWn2ref/t1rfOOv4mf2b+X/ALbf89D0zSPEx1vxNqun2Nnu0/SyIJdQMvD3PVolXHO0Yy2epxjgmt+uI8B2l94Wvr7whdWk72NqzXWm6kISUmhkckpI+MearE5ycsMN6129T0RXVhRRRQAUUUUAFFFFAHG+IPGOt+GbC41fVfDtuujW0oWSSPU91yELhQ4i8vYeoO3zM49+KmvPFWry+MrvQPDujWV61lZw3NxPe6i9sFMrOFQBYZMnCZ5x1rk/GqQ66De6LpPiYeKYJkeytbuzuJLNZVwAWEm61Vccl1IPcHNbHiq28L3N3djxL4GuNQ1AwKEvLbRWuWuPk6RzxqxjIPALlMYz05pXtG/9PQfW39LU27zxTc6Z4h8NaNqGnQrc60JxK0N0XS3MUe/glFLg9MkLU/hbxMfFKX13a2flaXFctBZXZlz9sC8PIFxwm7IByd2M8V5xN4M1zVYPhxpnipdSlmhtr2PUbq2nkDwbocIHmQ8HovJwxBHzA89v8PZNSstHk8Oa1YvBcaGVtY7lLcxwXkIH7uSM42524DKPusD6irtq1/W/9ff5E9E/6/r+up11FFFSMKKKKACiiigAri9F+IY1zx5LodtpuNP+zzzW2pG4z9o8mRI3xHt+7vcgNu52HjBBroPEumXus+G77TtL1L+y7q6iMSXgi8wxA8Ehdy84yAcjBOe1cBYeFfEmmfE3RYBPp50u00KW18210eWKJI/Ni/dZM7ASEDIYk8A/KeoWvN9/5P8A4AP4f67o1U+JkrafFr7aIF8LTXgtU1H7X++AMnliYw7MCIvxnfuwc7a0Ln4g2en6p4qt9Ttzb23hyG3lecSbjcGVCwUJgYbICgZOSR0rhBpWrSfCW3+Gp0fUF1VbhLSS5Nq/2VYFn3m4E+NhGwfdzuycYqxrHgfU9Z8f+L9TsYbiG8tG0670prguLS7lijJKMp+R+Rt3YJQnII7t2tvp38tNfz/LoPr+nz/r8z1PRLy91DQ7S71WwGnXc8YeS083zfJJ52lsDJx146569avVnaBqr63oNpqEtjdafLPHmS1u4mjkhboVIIB4OeehHI61o05bkrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiqtjqdhqiSvpl7bXiwytDK1vKsgjkX7yNgnDDuDyKALVFFFABRWbqHiDS9L1Ox06+uhHd35f7PEEZiwQZZjgHaoHVjgD1q1YajZarYx3ul3lve2sufLntpVkR8HBwykg8gigCxRVWz1XT9QnuYbC+trqW0k8q4jgmV2hf8AuuAflPsaNT1K20fS7nUb93S1tYzLK6RtIVUck7VBJx7Ci9lcN3YtUVBZXlvqNjBe2MyT21xGskUqHKupGQR+FT0PTRhuFFNjljmUtFIsgDFSVOcEHBH1BBFOoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDkfiho2va/8ADzUdO8KXBh1GULtAl8oyoGBaMP8Aw7hkZ/A8GvO/hqPDPh3xLqNnF4b1HwP4hj0yWWS2v7157SeMEEzB2JDbSvUYGC3XnHrXijw1Z+LNEbTL+a6t0LrIk9nMYpYnU5DKw6EVzek/CHQdOk1CbUb/AFnX7q/s3sZLrWL4zyJA33kQgDaD69alXV7ef5f1/wAON2dv66nG+GvG/ie1+InhyxvvFR8TaTrwmQs2gPYRxMqblaGQqBKvuCeO3INYOj+L9S8LeC9Yh0KQW99q/je5sUujbNcG3DYJdYlBLtgcKAc5r0nQ/gxoehavo+pJrGv30+jM32QX18JURCm3ywu3CqB0C4PqTViX4QeGrjwzqOiXLX0sF9qb6p5xmVZbe4b+KNlUYx2yD15zVP8Ar74v8kxf187SX6o5CHxX8SoPB3iq3t4b3V9Q04wPpuqzaDJZvdRuf3m23dVDOgBwAOfeuh+EXii78QQ6nFqPixtfuLZo90NzpI0+5tCd2VeMcEHAwQT0NXbf4T6fHot5p914k8T3z3TxuL261RnuIDGSV8twAF+8e3NaPg/4e6d4NvL69g1HVdW1C+CLPe6td+fMyL91d2BwM+lNbu/9f1/T6Ce2n9f1/SOa0POsfFD4g6rdfM+mW8Ol2gP/ACzj8oyPj/eYg/hXnngTW/F3g74b+B9ag1q2n0G91FdPk0f7EoYLJNIC/m5LFsgnAwOnB5r1MaPd6D8WtRuY7S4m0bxZaqlxLbxF/st1EpUF8A7VZD948bhz1qDRfgf4a0TUtLuVv9avbfSWElnYXt95ltDKP+Wgj2jDZ+bg4yelKnpZvy/Bu/33v87jnrdev4pW+79DiNY8Ya1oGhfFLUNEmtbG80/WoI7eaGxgVsM4Db/k/eEgn5nyfeut8L614ttvjFdeFfFOt22sWlxov9ooIrBbdYGMoTYuCSwwTyxPbpWvqXwl0LVNN8SWVxd6isfiO7S7uykiAo6EEBMocDjvn61oaj4e0/R/E1z46CajdX9vpRshaWyeYJYw28BUVdxckY649u9KNopc3z/8Bt+Y5Xk/d7v/ANKv+Ri/CAtZWPiTw+rbrXRdduLa0GfuQnDqn4bjXQ+MfE914XsY7qHT1uoZCUMhm2+W+PlyuOQfY9qo/DHw9e6F4XmuNaXZq2s3kup3sYOfKklOQn/AVCj6g10l3pFnf3kc99ELnykKxxSgNGpPVtvckcZPbpjJze1k+iV/W2pO92u7/M4D4dx+Jrm6m1nfB/Z19OXmimJXzCSd0kYAOCDx2B6dsj0yqmmaZa6Pp8djp8fl28ZYom4nbuYsRk+5NW6UndglZBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

Figure 5. 19: Sales Histogram of the store open & close and only open store

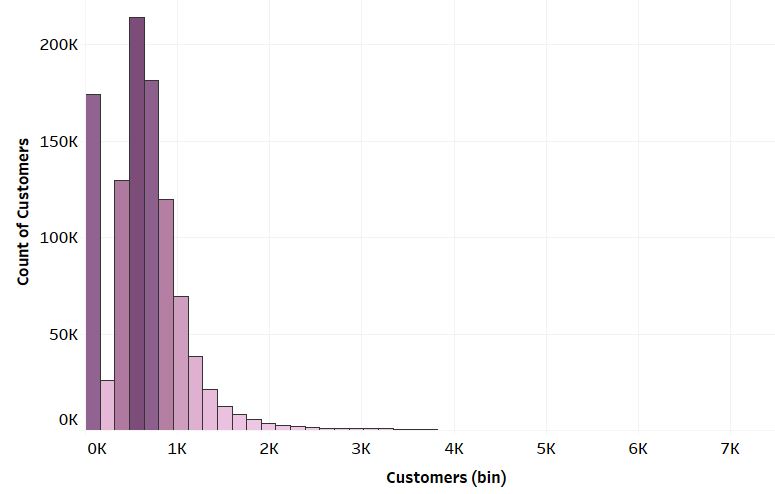
The histogram is defining several characteristics of sales data. The first histogram is showing the sales of both close and open shop. During the studying of train dataset, it shows that there are 52 observations when shop was open but there was no sale as well as the number of the customer is zero. According to this, further analysis is done for finding the pattern with other instances such as zero sales with a specific store on a certain day of a week or month. Finally, there is no pattern revealed this means the data is mistakenly showing that the shop is open due to this all the Sales which is equal to zero will be excluded from the dataset during the time of model development.

Moreover, the second histogram is created which include only the sales data for open shop because close shop generally means that there are no sales. Since it is a good decision to deduct the close shop data from the training dataset. The second histogram is showing that it is skewed positively which showing that the mass of the histogram distribution is gathering to the left and the tail is longer to the right that basically hinting about the presence of outliers that already discussed above in Outlier detection but in histogram it is showing that above 25,000 is considered as an outlier whereas in boxplot shows above 15,000 that is why further investigation is carried out which revealed that there are 759 observation where Sales is greater than 25,000. However, another research is done which is comparing the rest of the sales data for the particular store where sales are greater than 25,000 and it revealed that it can be possible for higher sale on that particular store. Finally, it is concluded that this is not considered as an outlier.

Below provided the Central Tendency Table of the Sales data for Open stores.

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 0.000000 |
| Maximum | 41551.000000 |
| Mean | 6955.514291 |
| Median | 6369.000000 |
| Mode | 5674 |
| 25% | 4859.000000 |
| 75% | 8360.000000 |
| Standard Deviation | 3104.214680 |
| Skewness | 1.5939220392699809 |

Table 5. 2: Numerical Central Tendency of Sales

1. Customers

![A close up of a white wall

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwNAAAkpIAAgAAAAMwNAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxODoxMjoyMiAxOTo1Mzo0NAAyMDE4OjEyOjIyIDE5OjUzOjQ0AAAAUwBIAEEATQBFAEUAIABNAFIASQBNAE0ATwBBAEUARQAgAEEASABNAEUARAAAAP/hCylodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDE4LTEyLTIyVDE5OjUzOjQ0LjA0MjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5TSEFNRUUgTVJJTU1PQUVFIEFITUVEPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAewDHwMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTU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ptW7W02u7en/D3IV9L72V/X/hrBRRRUlBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAEZGDyKgsrG002zS0061htLaPOyGCMIi5OThRwOSTU9FABRRRQBXhsLO3vLi7t7SCK5utvnzJGFeXaMLuYctgcDPSrFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAH//Z)

Figure 5. 20: Customers Histogram of the store open & close and only open store

Histogram of Customers features has a similar pattern like Sales features which shows that maybe they have a high correlation that is why the customer feature is removed from the test dataset. Further analysis will be done on bivariate analysis to identify how they are related to each other. Below provided the Central Tendency Table of the Customers data for the Open stores.

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 0.000000 |
| Maximum | 7388.000000 |
| Mean | 762.728395 |
| Median | 676.000000 |
| Mode | 560 |
| 25% | 519.000000 |
| 75% | 893.000000 |
| Standard Deviation | 401.227674 |
| Skewness | 2.7881104232962177 |

Table 5. 3: Numerical Central Tendency of Customers

1. ![A screenshot of a cell phone

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0NwAAkpIAAgAAAAM0NwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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VIcclRyD2rnr7Ub7VvD+mPLNC08WvJBFdeXlJgrMBJtBGQfQEdD0rt7zS7DUVRdQsba6VPuieFXC/TI4p7WVq8UMTW0LRwMGiQxjEZHQqOxHbFHX+u9yelv62sYXhFhCdRs70Y1eO5aS8Y/8tt33HX/AGNuAB2xiukqL7Lb/a/tXkR/aNnl+dsG/bnO3d1xnnFS0dBhWbr9nZ6jpD2eoXbWkMzoPMV1U7gwIALAjkgcY5rSpk0MVxC0VxGksbjDI6hlYe4NAHH6rcapFcapocV9JqQl0mWZWdEEsL/dCkooBDZOOM8U26mgudI8HJpzK0jXMDxBOoRYz5n4AZBrrLLTrHTY2TTrO3tEY5ZYIlQE+pAFJb6XYWl1Jc2tjbQzy/6yWOFVZ/qQMmhafh+DYPX8fxR5+nmw3d9eXxWTRbfX5HuolQhlOBtkY5+ZAxBIwMdcnpXpKsGUMpBBGQR3qEWVqsU0a20IjuCWmQRjEhPBLDvnvmpIoo4IUigjWONFCoiLhVA6AAdBQtrf1sD3v/W4+iiigDDvdMhuddlvbXWprK+jthFIkRiYKmSwLK6EgE98jOKzdOYeKNL0i71HUGs7+KWZ7d7Yxjz9uU3hXVgQVOfbdXR3uk6dqTI2o2FrdlPumeFX2/TI4p9zp9le2wt7yzguIFxiKWJWUY9iMUdAOG13ULy58JeJrK5uFvFsZoo4rvYB5mSrFWC4G5ScHGPoK2fD5e28Talb6wyvqk4WWKdV2pLbgYAQEnbtOcjJ5Oc81vjTbEWH2IWVuLT/AJ9xEvl9c/dxjrUklrbyzxTywRvLDnypGQFo8jB2ntkelC0DoS0UUUARXQkazmEHEpjYJ9ccVwmkXl3pXg/Rbuz1NpSZorWXT3ijCli211GF3hwcnJJ6HivQKqrpenrfm+WxthdnrcCFfMP/AALGaFo/uB7HHxSwW/hLxdFfsolF1deardTvH7v8wVxVO9tNZk1S3t7GUR348OBZQyne53jcqtn5WPZiD9O9d5NpdhcXkd3cWNtLcx/cmeFWdPoxGRU32aD7V9p8mPz9nl+bsG7bnO3PXGecUrf18mv1Hf8Ar5p/oUfD1xY3Ph+0fSU8u1WMIkWMGPHBUj1BGD71pVFBa29t5n2aCOHzXMknloF3serHHU+9S1Td3clKysFcx4xV/tehO05trdb/ABJMFBEbFGCHnj7xwCeASK6emTQxXELRXEaSxuMMjqGVh6EGkM5SVjdz634f1rVWmsFgizeN5cckRkJHlsQoXPAxwPvVZiub3TfFVlpX9oPqNvc20kjCWOMSW+zGGyiqNpzjkdR1rct9NsbS0a1tbK3ht2zuhjiVUOeuQBikstL0/TQ406xtrQP9/wAiFU3fXA5oA8+8LmS1h0C71dkk00vPFalV2i3naRgDJkndkZAPGM4xzmvS6rHTbE2JsjZW5tD1g8pfL65+7jHXn61ZHHSn0DrcKKKKQHN+KnbUrmy8OQMQb5vMuiP4bdDlv++jhfxNIqrbfEgCXakcmlBLbPA+WTLqPwKn6V0AtoBdNciGMXDIEMoQbyoOcZ649qZeafZ6jEItQtILqMHISeMOAfXBFC0/r5A9f6+Z57IJZdIils3RY5vFG+0dk3JtLH5sAjK7gx4IrpvCLCE6jZ3oxq8dy0l4x/5bbvuOv+xtwAO2MVvNZWrxRRvbQtHAwaJDGCIyOhUdiO2KX7Lb/a/tXkR/aNnl+dsG/bnO3d1xnnFC0Vv62X+QPXX+t3/mS0UUUAFczof/ABOvEd9rz/NbwZsrHPTap/eOPq3GfRa6YgEEEZB6g1Hb28NpbpBawxwwoMLHGoVVHsB0o63DpY4+6DeGtFivtB1mS9gkuwUtZRE6XBkk+YKyqGz8xPU9OlZ2tQ3kviDxKYf3tlH9je9tkU+bNEFJYK2eOM5GORxkV3Mej6ZFfG9i060S6JJM6wKHP/AsZqwltBHPLPHDGss2PMkVAGfHAye+KOn9eQxtnPb3VjDPZMr28iBomToVxxipqitrWCzgWC0gjgiXO2OJAqjJyeB71LTe4kFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorj/ABV4s1S08RWXhrwpZW13rF1EbhnvHZYbeIHG5tvJyRjAqSfxXd+FvDsVx43igbUprjyIbbR0eX7Sx+6I1bnP1/qKOlw62OsorjP+Fo6GvhjUNZkttQi/s2RIruxlgCXMLMQFyhYDnOevrVZvi5pC3F1b/wBi+ITc28YmFv8A2a3mSxf89FGeFHq22gDvKK466+Jui22n6Jdx2uo3aa2kjWqWtt5j5QAlSoOc5OOM8+3NOt/iZoM/hm71qUXlstnP9mms54Ntws3aPZk/Mfr69MGjYN7eZ19FcFe/FG2bwprN/pulammpaYg8zT7yzKyxFgSjugb/AFfGSQeBWfP8Q7zUfhxBrLJqegXAmtklnOmo6zl8Z8pZHwYyT97OQPWhav7vxB6K/r+B6bRXnv8Awsu8T4nXXhx9A1KWziVFR4LItIHL7TKx3Y8n0bFWNP8AG1tptv4ovdd1a4uLbTNSaBVezSMx5+7FHsYmTrgM2D64ovdX/rewdbf13O6orkdN+JGk6ha6m8llqdhc6ZatdzWV9beVO0QGdyqTgjjHX0qLRviho2tavpthDY6tbHU4y9rPdWhjilIXcVDZ5IHcZHvR1sHS52dFcV478T6/o2ueH9J8Mxaa9xq8kqFtQWQopQKRyhBHU9j2qrY+NNXb+39D8SwQ6ZrenWD3cdzYjzYpI9pxIiPjODj5WPPtSvpf1/AdtUv67Hf0VwVt8R7XTvDuhfaItX17UNRtPtCrZaepmdR1do1bavPYE1W8TfFG40i+8PDTtC1K4t9TO+ZWsmMpXkeWg3D96CMlTngim9HbzsJaq/zPRqK5HWPiHa6LBbSTaDr85mtVu5Et7DcbVDn/AFvzAKRg5GeMUt/8SNEsbXRbhIr68i1tHe0NpbmRjtAJBXO7POMAHnrjrQB1tFcfbfE3QZvC93rc63lnFZ3BtZba5g2zibtGEBOWOemfXOMGnH4j6bD4ffVb/TNYsCLhbaKyurMpczyMMqETPzZ+vY0AddRWH4Y8WWHiq3uGs4bu1ntJPLubS9h8qaFiMjcvPUe9Yf8Aal7rHjLXJbe6lhsPDtuYo443IWe5ZNzM46MEGAAeMkmk3bf1Glc7iivNPBHxSivdK0K08RR6ib7UcxjUZLLy7aWXccIGGATjA4GPerkHj2HRbPxPqGs3l9qNvpuq/ZhGlnFG0IYgBFw/zgZ+82D7VTVnb+t0v1JTur/1/Wh39FcfZeLdO8Z3OpeHLePWNKvFtvMWSaFraQoTgSRnO7rjqBn86t+A9cudb8Nkang6jYXEljeEDAaSM4LfiMH8aQzpaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqpf332H7N+73+fcJD97G3dnn36UCbSV2W6KKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcP4q0LXbTxlZeLvCttDqFzFatZ3WnyzCLzoi24FXPAIPr6VU13TvFeu2uh+IV0SC21fR715RpL3isJYmXaR5o+UN+leh0ULT+vO4b/ANeVjx7V/BXirXfD3izUrvTIrfVdcktRDpsdyjeUkLDlpCQpJAz17e+K6ifw7qr/ABI1HVFtc2U2gfY45fMX5pt2duM56d8Y967mik1dW/raw7u9/wCt0/0PEJ7HW/C6fDO0/soXOr2n20fYTcom8kA48zlRwc1oXXw+8S6t4f1TU7mGC01u81eLU47BbkhVEYKiMyoRhiGPzAjoOR29XnsLO5ure5ubSCW4tiTBLJGGeIkYO0nlcjrirFVe+vX/AIN/0Fskuy/z/wAzzXSvDGqalpniEX3httDvdR082iz3WtSX7ykggZJZtqjP15qld6F4t1f4UW3h+78Pra3unzWsUQW9icXEcZGZOoC8DoTmvV6KE7P7vwdxPVW9fxVjg7/S/EOl/Ff+39J0mPU7C/s47O4P2pYWtsPkvhvvDHOB19u+JeeAdevLDxMYoY4bqTX11TT1lkUrcKnQHBO3PPXFer0VK0/rzv8AmPf+vK35Hl7+HfFPiTUtc17WtIh0q4k0OXTLOwS7SZpGbJ3M4woGTgfX2yZ7TwnrUVx8OWeywNFglS/Pmp+5JiVQOvzcg/dzXpNFUtNv63/zYb/j+KS/Q4H4haVr8/ibwvrHh3R/7WOlSzySw/ao4M7lUD5nPsegPSqtn4X8Rate+IfEev2cFnqF9pb6fZadDMshiTBPzPwpJbHtzXpFFTb3bev47jvqn/WjueQaj4P1z/hEvDlm/hMajdWFiI/OttWW0ubOXvh+VZcY9ec1fv8Aw14xXwv4RvJIo9Y1vRLkzXFu9yFaZTkAeY3BYDAJPXk89/UKKpu/33/Um2lvK36HmviGy8caprcUi6TJJYXNgq/ZYtaa1WynI+fzDGQ0vpxx9Kq6F4N16zT4eC5sNh0b7V9v/fRnyd4+Xo3zZ/2c16pRQtNv63/zG9fuseTTeAvEE1lrU8FvFHexeJjrGnxTSqUuUXoCVJ2556498daveJtK8W+MNBsb6XQk0zUtLvxPFYf2nk3Ee3BxNGV2NzxyMY616XRU9Len4W/yHe7v6/jf/M47wHpV3aXGp32o+HH0S4uzGGM2rvfyT7QRlnYnGAQB/wDWFUdAiktfEvjnQ2X/AEm6k+324Jx5qSx7eM+jLiu/qlPpFjc6ta6nNBm9tFZIpldlIVuqnBww46HIzzQ1fftb+vuBO2vnc8s0fwl4wudN8L+G9V0e3sNO0W7S9mvxerKZipLBFQcqfmIPUcZz6yav4I8Q3Xh3xhawafum1LW0urVfOjHmRB1JbJbA4B4ODXrlFVfW/wDW6f6Im1lb+uv+bOPh0W/g+Llzr0sATTDoy24uDIuPMEm4jGc9Oc4xUXwxVp9I1bV9u2HV9WuLy3yOsRIVT+O3NdZqOn2+q6dPY3yM9vcIUlRZGQsp6jKkEfgalt7eK1to7e2jWKGJAkaKMBVAwAKS0/ru7sf9fcrElFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVFdz/ZbOa427vKjZ9ucZwM4oB6EtFRWk/2qzhuNu3zY1fbnOMjOKloBan//2Q==)Competition Distance

Figure 5. 21: CompetitionDistance Histogram of open store

Histogram of CompetitionDistance is right skewed as well as it also revealed that after 40k there is an outlier but in above outlier detection it shows that above 17,000 there is an outlier. Further analysis revealed that there are 6561 observations for CompetitionDistance which is greater than 40,000. Since based on both analysis it is not considered as an outlier. In model development a log transformation will be applied to the right skewed feature for making the prediction more accurate, this will be discussed more detail in transformation. Below provided Central Tendency Table of the CompetitionDistance data for the Open stores.

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 0.000000 |
| Maximum | 75860.000000 |
| Mean | 5443.849764 |
| Median | 2320.000000 |
| Mode | 250.0 |
| 25% | 700.000000 |
| 75% | 6880.000000 |
| Standard Deviation | 7804.251737 |
| Skewness | 2.977873570129918 |

Table 5. 4: Numerical Central Tendency of CompetitionDistance

1. CompetitionOpenSinceMonth

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 1.000000 |
| Maximum | 12.000000 |
| Mean | 7.224823 |
| Median | 7.224704 |
| Mode | 7.224704 |
| 25% | 6.000000 |
| 75% | 9.000000 |
| Standard Deviation | 2.650806 |
| Skewness | -0.20771728384760033 |

Table 5. 5: Numerical Central Tendency of CompetitionOpenSinceMonth

1. CompetitionOpenSinceYear

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 1900.000000 |
| Maximum | 2015.000000 |
| Mean | 2008.688557 |
| Median | 2008.668857 |
| Mode | 2008.668857 |
| 25% | 2008.000000 |
| 75% | 2011.000000 |
| Standard Deviation | 4.936447 |
| Skewness | -9.103622732717744 |

Table 5. 6: Numerical Central Tendency of CompetitionOpenSinceYear

1. Promo2SinceWeek

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 0.000000 |
| Maximum | 50.000000 |
| Mean | 11.596118 |
| Median | 0.000000 |
| Mode | 0.000000 |
| 25% | 0.000000 |
| 75% | 22.000000 |
| Standard Deviation | 15.307873 |
| Skewness | 1.0104419411247823 |

Table 5. 7: Numerical Central Tendency of Promo2SinceWeek

1. Promo2SinceYear

|  |  |
| --- | --- |
| Central Tendency Table | |
| Count | 844392.000000 |
| Minimum | 0.000000 |
| Maximum | 2015.000000 |
| Mean | 1003.230065 |
| Median | 0.000000 |
| Mode | 0.000000 |
| 25% | 0.000000 |
| 75% | 2012.000000 |
| Standard Deviation | 1005.874806 |
| Skewness | 0.005267064979087477 |

Table 5. 8: Numerical Central Tendency of Promo2SinceYear

### 5.3.2 Bivariate Analysis

In Rossmann dataset, there are two types of bivariate analysis will be done which is Categorical and Numerical, Numerical and Numerical due to the target data is numerical. Furthermore, Correlation Analysis will be done on the variable for getting a better understanding of the relation of the features.

#### 5.3.2.1 Categorical and Numerical

1. Store Type

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4MQAAkpIAAgAAAAM4MQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxODoxMjoyMyAwNDoxODo0MQAyMDE4OjEyOjIzIDA0OjE4OjQxAAAAUwBIAEEATQBFAEUAIABNAFIASQBNAE0ATwBBAEUARQAgAEEASABNAEUARAAAAP/hCylodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDE4LTEyLTIzVDA0OjE4OjQxLjgxMDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5TSEFNRUUgTVJJTU1PQUVFIEFITUVEPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAYMC1gMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTU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Figure 5. 22: Average Sales & Customers on Open Days for each Store

The bar chart of Store Type is showing that Store Type b has highest average sales and customers compare to other store types. Besides that, it shows a similar pattern for Store Type with Sales and Store Type with Customers which reveal a higher correlation between Average Sales and Store Type. Furthermore, detail analysis will be done in Multivariate Analysis for identifying the reason for higher sales in Store Type B.

1. ![A screenshot of a cell phone

   Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMxMAAAkpIAAgAAAAMxMAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 23: Average Sales & Customers on Open Days for each Assortment Type

Above bar chart is showing that Assortment Type B has higher sales compare to the Assortment Type A and C this can be the reason that Assortment Type B is more expensive or demandable to the customers. During the above Univariate Analysis, it shoes that the Assortment Type B has less number of count that means there are few stores which have Assortment Type B that is the reason of high sales due to it is not available everywhere. Hence, assortment type is one of the factors for higher sales.

1. ![A screenshot of a cell phone

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwMgAAkpIAAgAAAAMwMgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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of Week

Figure 5. 24: Average Sales on Open Days for Day of Week

The bar chart with pink color head represents highest sales in the week which is on Monday, Tuesday, and Sunday. Higher sale on Monday and Tuesday because this is the first two days of a week after holiday whereas Sunday has the higher sales among all due to few stores open on Sunday which identified during Univariate Analysis this makes the sales becomes higher. However, another reason is that nearby store is closed on Sunday as well. Hence, the number of the day in a week has a strong correlation with sales.

1. ![A screenshot of a cell phone

   Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0NgAAkpIAAgAAAAM0NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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and Promo2

Figure 5. 25 Average Sales on Open Days with Promo and Promo2

Above bar chart is showing that Sales is increasing by promo compare to promo2. Hence, Promo has strong correlation with Sales whereas Promo2 does not increase the Sales.

1. Promo Interval

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confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMzOAAAkpIAAgAAAAMzOAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxODoxMjoyMyAyMzowMDoxNQAyMDE4OjEyOjIzIDIzOjAwOjE1AAAAUwBIAEEATQBFAEUAIABNAFIASQBNAE0ATwBBAEUARQAgAEEASABNAEUARAAAAP/hCylodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDE4LTEyLTIzVDIzOjAwOjE1LjM3NTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5TSEFNRUUgTVJJTU1PQUVFIEFITUVEPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAfcCPQMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTU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Figure 5. 26: Average Sales on Open Days with Promo and Promo2

PromoInterval is depended on Promo2 because it describes the started month of promo2 in each year. It shows that the higher number of Sales through Promo2 is on Jan, Apr, Jul, Oct. However, it does not mean that there is a strong correlation with Sales and PromoInterval due to the bar chart is showing that the higher Sales is without PromoInterval.

1. State Holiday

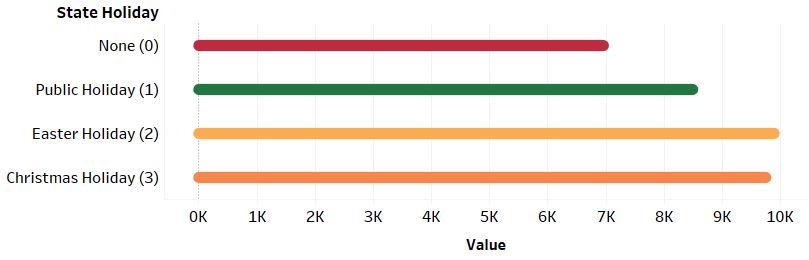


Figure 5. 27: Average Sales on Open Days for State Holiday

Bar Chart is showing the average sales for only open stores during holiday due to closed stores does not have any sales. The above bar chart is giving an evident that during Holiday if the store is open then it attracts more customers because most of the store is closed on the holiday. Moreover, Easter and Christmas have the highest average sales then it comes to Public holiday. Since there is a high correlation between StateHoliday and Sales.

1. School Holiday

![A screenshot of a cell phone

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confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NQAAkpIAAgAAAAM2NQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxODoxMjoyMyAyMzoxOTozMAAyMDE4OjEyOjIzIDIzOjE5OjMwAAAAUwBIAEEATQBFAEUAIABNAFIASQBNAE0ATwBBAEUARQAgAEEASABNAEUARAAAAP/hCylodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDE4LTEyLTIzVDIzOjE5OjMwLjY0NjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5TSEFNRUUgTVJJTU1PQUVFIEFITUVEPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAfsBjQMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTU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Figure 5. 28: Average Sales on Open Days for School Holiday

This bar chart is similar like StateHoliday, here it shows that more Sales is occurred during SchoolHoliday.

1. Store

A screenshot of a cell phone

Description generated with high confidence

Figure 5. 29: Average Sales on Open Days for 10 Stores

The above graph is showing the Average Sales of 10 Stores. It is clearly shown that the average sales for each store are quite different from each other as well as there is no linear pattern. Based on the fact, another scatter plot is provided below with the average sales of all the stores. The scatterplot graph is showing that some of the stores have similar level of sales. Furthermore, the pattern is most suitable for tree model that is why Random Forest and Extreme Gradient boosting (XGB) algorithm will be applied on the dataset.

![A close up of text on a white background

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0NAAAkpIAAgAAAAM0NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 30: Average Sales on Open Days

#### 5.3.2.2 Numerical and Numerical

1. A screenshot of a cell phone

   Description generated with very high confidenceYear and Monthly Sales

Figure 5. 31: Average Sales on Every Year

A screenshot of a cell phone

Description generated with very high confidenceThe above bar chart is showing that there is higher sale in 2015 compared to 2013 and 2014. The reason for higher sales in 2015 will be further analysed in Multivariate Analysis for finding the causes of increasing sales. However, the diagram below shows that the higher sales on the year 2013 and 2014 are on December because during Christmas all the shop will be closed that is why most of the people want to buy all types of the necessary drug from the store whereas in 2015 the highest sale is on April. The monthly sales are showing that people have different demand for drugs in a different month.

Figure 5. 32: Average Sales on Month for Every Year

1. ![A close up of a comb

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4NgAAkpIAAgAAAAM4NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Sales

Figure 5. 33: Average Daily Sales on Month

Sales can be affected by every single day which shows on the above diagram. However, on the first day and the date of 30th has higher sales compared to other days.

1. ![A picture containing wall, white

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NwAAkpIAAgAAAAM2NwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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jDUPGsugwaNqccsFnYw3Wu30KxuJZmTi2HBCsTlnxgqABxmvR64XTfBWp6Hc+HNQ0me1W8tbGHTtYiZ2EV3CiYDKQud6NkqSBkMQSK7qtZ2u7d3/X3GUb2V+y/r7woooqCzzfxuviHSG06z0Lxnq76trF8tvaQS29i0caZ3SuQLcMVRAe+c45pfEWuala+N7231DWfEGi6JaWELR3On6OLiOaUlzIzym2lVQqhM8qOfrXQ23hy8l+I134k1WSB4YbRbPS4Y2JMSsd0rtkABmIUcZ+VevNT6qfFq3NwmjQaNc20q4ia7nlheA7cHcqo4lGeeqenvS1UVbfX/ACS/Ue7f9ef/AAP+HOb8QeNYvDeq+DHm8SxPod9HctdX9yYQLpVhDRtuVQoJJ42AZzjHat/wXeaxq2mza1rLtFFqMnnWNg0aqbW3x8m4gZLsPmOScZwMYrDsPhvJpZ8FW0NxDdWXh+K6juzOCGn86Mr8q4IxuJ4J4HrW54O0HUfDFvd6TNPFcaPBLnSjvYzQwnnyXBGMIeFIJ+XAOMVWl3+H3/1b5k9F/X9f8MdJRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRVbUNSsdJs2u9Vvbeytk+9NcyrGi/VmIFJp2p2Gr2a3mk3tvfWzkhZ7aVZEb6MpIoAtUUUUAFFFFABRUdxcQ2ltLc3c0cEEKF5JZGCqigZLEngADvWVq/i7QdD8PR67qOpRLpcpQR3UIaZH3nCkbAcg56jigDZoqqup2D6mdNW9tzfLEJjaiVfNEZOA5TOdueM4xVXSPEmk67e6laaVd+fPpdx9mvE8t18qT+7lgAfqMigDUooooAKKztX8Q6LoCRPrur2GmLMSI2vblIQ5HUDcRnrSx6/pM+iS6xa6jbXWnQxtI9zbSCZAqjLEFM5wB0FK6tcLO9jQoqjo2s2HiDRrbVdIn+0WV2nmQy7GTevrhgCPxFS3epWNhNbRX17b20l1J5Vuk0qoZn/uqCfmPsOaezsF7q5ZooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8i8Y2lhrf7Qnh/SPFyRzaMulST2NrcgGGe734IKnhiE7H29aseP1TQpPDHhLwncL4Y07XNUeG8udLVYWiwgbYhAwjMccjn9a7zxN4Q0Hxlpy2PibTIdQgVtyCTKsh9VZSGX8CKzl+Gfg9fB48Lf2HC2jCQyi2d3ba5/iDltwPuDmktkvP79b6/l9w3q7/ANLS3/BPIde8Qa/4f8H/ABJ8P2viXUr9NAexNjqslyTdR+a6742lXBJHI9eo9qvnRddPxLu/DJ8feKfsdz4eGqySC8QSiUSbdqHZiNOeigE+tenwfDPwfa+ELnwvbaJFFo90wae3SWQGUhgwLSbt5OVHftjpWn/wiujf8JAdb+x/8TE2P9n+d5r/AOozu2bc4698Z96Ht/X8tvzsxpr8f1X6J/eeJWGueIfEXhb4Uwy+JNUsptWmu4Ly7tZ9skqqCBuyCGOB1YHnnrzVa/8AGHiLw1ofiXw9aeIdQ1G3tfENrpsOsTTI9zFFKrNIvmuQu5Su3cxABbqOMegeJ/g5pmr/APCJaVYWdqnhvRZp2ubKaeXc6SL0RuWJ3c8sMdjXU2nw88J2PhOXwzbaHbLo8x3S2rAtvb+8WJLFuBg5yMDHSqerk+7/AFi/0a+ZC0UV2X/yX+a+48vn0PxQngfxvpOs3/iSPRV0s3mn3Gp6jby3pdEYyRs0TvmJsAEHGQSOM1ntaXnhT9mO21bSPEmtvcXy6fIDJfki0BkUNHDtwUTkgrk9K9d8M/Djwl4Ohu4vDujRWqXqbLgNI8vmrz8pLseOTx71UtfhL4IstFvtItdDWKw1CaOe5hW5mw7odyEHflcHsMCmnZ/d+D/y/IHqvv8AxX+f5nAP4SF9+05dq3iTXrVjpEWoD7PfbC377HkdP9TxnZ7nmqmt+M/EGk6f8Q3tNWuI2TxDb2MFxLIZBYRSYDMgY4UD8Bk5r1nX/AHhjxPq1jqmuaTHdX2nlTbT+Y6Mm1twBKkbgDzg5HX1qYeCvDoj1mNtLikj1yTzdQSVmkWdsYzhiQPwx61CVkl2v/6Un+Wg+t/T8mvz1PLjcat4M8Xa14XtPFeq67ZzeGLjUhLqFz509pMuQGWQYKgjkD6Gs7wvceINP1L4X6pP4t1vUP8AhIUeO8tby5DwbRFkYXAycn7zEsfWvVtB+GnhDwxp9/ZaFokVpDqEZiusSO7yIRgrvZiwHPQEVai8D+HoE0NItP2r4fz/AGaPPkPkZXaf4vm4/vZprRp+n5u/4NL5Ceqt6/krfirnDfF2ytdR+IHw4s9Qtobu2m1OZZIJ4w6ONi8FTwRWPbW9n4b+MXi/T/BQSz04eG2ub2CzO2O3uxnYVC8I23nAx1NeneLfAXhvx1DbReKtN+3JaszQjz5ItpbGfuMM9B1p2heBfDXhnRbjSdC0iGzs7pSs6oWLSggj5nJLHgnqeO1Ryvla9fxVvw3Lurp+n4O//APHJpfGOufDnwRdWWp69e232B5tUi0bU1h1GQ7sJLufLSLwRjvVbxTa2fizTfhnqFn4o8RmC61L7D581yIp4iGfLnAwJ1Py7x1Ar1nUvhH4G1jSNO0zUdBjmtdMj8q0Xz5VaJM527wwYjPqTV6++HfhPUvCdv4ZvNEt30e2IaG2UsnlkZ+YMpDA8nJzk5OetaNq7fnf8f8AIhJ8qXlb8P8AM4XxraBtQtvDeneKPGkt/pelCV00q+hifaCQJ7mWVkDknGQDnjPeuds/EHiLxVp/wpil8R6lp82ri+ivbiylCNMIxgFgQVJwOpBwSSOa9QvfhN4G1GTTXvvD1vcHTIFtrXzHchY1+6rDd84H+1mr1l8P/DOnDRBZaZ5Q0EynTv38h8gyff6t82f9rOO2KFa+vf8Az/zQ/Ttb8P8AM8bj8V+JND8Ca/pcXiG+laHxf/Yker30glmtLZiAXLnqRjqcY3cY4roPHUep/D3wjp+l6X4r1/UBrWsQ2099d3kcl1bxspJWKRyqoW28FiAMnmvSE8D+G00/V7E6VFJa61cPdX8UrNIs0rYy3zE7egPy4xjjFULL4WeCtP8ADN34ftdBhGl3knmz28kkkm5wMBtzMWBGOCCMVPTXy+drXX4P79hu19PP8b2f4r7jL+GNr4o0y+1rTdfbVZtLjMUumS61d29xeYYHzFdonbI3DgntXoVc94T8B+GvA0NxH4W0tLBbkqZiJHkZ8ZxlnYnjJ/Ouhqm7koKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/9k=)CompetitionDistance

Figure 5.34: Average Daily Sales with CompetitionDistance

Scatter plot is giving information about the Rossmann store that lowest CompetitionDistance has higher average sales compare to the larger CompetitionDistance which means the store which has low CompetitionDistance is located at a crowded place that is why the sales are greater.

#### 5.3.2.3 Correlation Analysis

In Rossmann train dataset, the correlation matrix is applied and below provides the picture. The picture of correlation matrix is showing that the highest correlation with Sales is Customers, Promo, Day0fWeek, StateHoliday, and StoreType.

![A picture containing object

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1MwAAkpIAAgAAAAM1MwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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hL8vkYcY/Kr1Z6km6AYMm6UkIzrgkd/X8KAHTlZbp0CPICgDCNwM9eDk+9NvirzFROFZFB2FiM9fT8Pyqb7FiTclxKnzMwACcZOT1WmXYdpcL5gUjnapzxnuPw/KkMjuZPnQNHJ8q4DlV2tnHqetPu1SG1hMisVjAAQtjBA7n8KjukjiuIpJpXUvwWZwAuB2yOKnkkIs4JGzk4JRxktkdOnXv8AhQAOY20+TbuCAkAg5zz15qHeRbOPvMrDP7xVA+hAH5VKXc2QADb5GIUBcY745x6U5QTYs+6MApuQhMBeOp60AR2TGWOVfOZunVOF/HvTLQwSExKrg5K/f5xgH8OtWLPzVLLMcFVGFLZPU8/59KjtpC84UbflB3OAfn/HFAFtIkj+4ir9BWezCa9P7t1JYZ3INwx6HPTitKqqWOybzBcTFs5+YKfwyVzimxExtoCxJhjJJySUHNV74Zmg2vtfd8oK5HUc9fp+dXKz75iZdrKrKMEeamFH/AqHsCFuwh0dR5jBdnDbc5+X0/WnTD/QJg8nzb/mIXvkcYz0pt02baNSqlWXlQm5Pz7UxpD9iQBU2sSCI18xD9T2pDJoMC0n3ynP8bAY2/IOn4YNNshhX3P2OAFxtG4+570kTldPJRUGGxiAeYD9RTLd9kExRY1Iwf3I3N17rQA+wGGX95uGH2DbjI3DJPP0pIQPt7kSkr5h4K8k/NxnPTr+Qosmw0u1IlO0n5Pv/wDfPam2z5vQSkYZs5LLsf8A75oAcB/p8pEny7k3DbznJwAc+tMkKyXofdIMSKCDG2F6cen/AOuiJ916rMke4nGZV2OfoO9SFWe8VjEwywz8pAOO+M4/HFADb/bJLjMgKDOAjEY554+v6UXRVxEmZCVXIARsN054/wA80+7DPL/q244yARn24IzRdBm2ARsNo4KgjqBxkEUAJMVNjBGXkwyABlQnd8vHT8/wpvy/2eEeOSRWcghRjBz0+Y1LOD9mjQRnhQflUjbx7EYpjBksQCu1ed27Hr1O7NAC28f+hXEaKyMSwIwAQdo6AHHp3plrxI4SaMNtwYxEUOQD7mnRbms0EGx1ZyCONpXBz0p5dhbhkjhOGXYI29Tg/TjNAEdmZfOH+qxtw4ErFs+uCKZt8u95mjjcOzDfFyQc993I5qYwkQyFLfZIqkq27cxbHHPWnrnc4ZIOc7gpyScZ6YoAgYyi8O3yt2/I3yspI9MYxSu+3UWUBwSy8BzhugJx9P5U+KPzgrTW2S45ZnzjI7en4UxnT+0mV3XIdQoaUg9B0HQ0AOvX2XSH5lyuCVcjPBIHH0/Wlu2CywF9yAggsGIx7cU29dBdBZHUDYCA0pQdT6UXrqJIQ7gKVJ+aUqO3cdaAFuX32kKu0kbOASACTnaeMj35/ChHCaaNzMAWIyoY456evtTrg7oIlVS3AZWXcccdiOaMFbAL5bHcTkYYn6+v40AGnLtV1LFiMDnOenXn1q5VayUhX3BgSerbsn86s01sJhRRRTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWewVb3gxtukHG87hznpitAjIIqqkU2I42VAsZBLhuWx7UmMtVnXKhZJDLHEWY5R2kwQPbjitGqN6+y4DCQxts5+cLuGegyDk0MESTSPH5RDBmK8rtY56c8A/wCTTJ/+PWMGT5o1Dlmyp6Yz0/Sm3Lb9rLyynaBlg3IBxxTp9n2eCXAfO0BtzbemQT68ikMlhjjuLVRMqygE/fGcH8RSyRQwWs3lwoF2ElVAXdxTrbmHIx8xJO3OM596LhwiLuBKk4YjPAwfSmIgtWCrI5lSQ4GTk8D3ptrlLkxeZkLkbdxOPbpSRbhBN5sZIKBgu5u+eOe9PhxHNHE0JVvmbduLA56nPekMuUUUVRIVnXY/0w7irpt5RgxC9OoHHr1rRqndlrd/MSQosn3wACc+wPf86TGhl0Plg2FNuOY1DEEY7Be1MlA+zxeUY1G45jQMN3IzwOc9fzqVyq26S20hXyhsO4Dge4OPamKVaHzYZGEqZJLqBkHrwe3H6Uhgw/4lz+SY4ju/gBXJ9D3zSKF+zTbDHC3GTtZW6988+1PhKTQvskfzSfM3MuMkDH0xwBTYmS4LLLKxlbABCgAEHIweQelAC2oG1xiOOTy+W2sG+vzc4ptmB5y7xGXy2HKtkjnoT7U6CRJpWW4kZnKmPhcKAeoBHfikEoS4CXMrERklcKMDjGSR7fSgBlqAJl8zy5G3fLIysc/QnjP0pxUyX5PkSA7lYkquVHQYO7px/Ol3CGZYZpWMcZBUBQcY6ZIpDhL8hUc527TvY7uR+GOT+VADrwGS5Ci3dztIGVVhjuRk8daS6BLxJ9nd8DaNyqwPHuevFLeBY7uNirkMCCwZuODwMe4H50XQCvA7q/zfeIZvl49qAFufks4UMUjhdo5Ctz0AYE88mkZXisQBFjDbiGYKVOeMAZFF0CbCORo23BQSu5vlIGecdeRRMoewJSPcQxCb8kkZ96AJBE4sZxKu53DFgrZ3cY9KbahBFKVaQnb/ABRlMdTxx7mk3rHp9wWVo15ACD5vujt65/pSW0iKs7eYqhVAJVCqg8+p6/8A1qAF08LxtmR8A4VRjGTnmkgRPtrZMgYSMwUxnGeed2PQmlspFMmRIpGzJ2yF8+59KjgdHvV2tk73bHlkNjnqfT/61ADowp1CQ+eoJcZQj5sgn/GnDIvHjkkmOZAygLweB39OKakyvd/JKjHzMZEhJx6baSYr9vI3f8tE3fJ8y9Mc56HI7etAElwWS6bdJMEdABsXI7/40twWinRvMlCFMfKucHjrTL8r533huKAbSm4455HIweD+lLdkZiCkFyuFV03bunuOaAFu8C2iTZI6gr95dwPYBhketDfutMIZJAOSQF+6M56Z6U2ZQbWArudCq7cyspJ6jgdTxmnOPM08Z5GTuBlce2M4yfpQA+xQorkx+Xkj5Qm0fgMmrVVrIkq4YEEHoXZiPzqzTWwgooopiCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKoXUpFwVLFQB8p84Lz9Kv1QumKXeDKwDr0CrxwT3+hpMaFn2xTRuBhmUkvhmGcAdB3x3pbpdunRrExXgBQobLccDA59/wpLotm3aIksoztIJyPXih182KCGORcKgcSvn5uMdiP50hli1YvBuLZJYk9eOenNLcLujG5yiKcuQxXjHqKZZKBCSM5JIPzEgkHqKkuCFtZSQGAQkgng8U+gupDaMWlk/eOyhVCh1KsOvr/P2qK0Ym5+9I3ByxDlX/MY/KpLEY3kvvJA52MpHX1JqKxLCYKwXocMJWOfoCoH60hmhRRRVEhVK/cq8e2dIiAerKGPI6Z/H9Ku1XaCbzpGjkjAkxkPEWPTHXcKTGR3JdLFN00ccpAy7kfex19OtNLN/Z5aSZAWb5XdlPGfXpUotpUEXlypujj2EtGTn36jFNFpMrK6yx7wWPMRxzjoN3HT9aNQEhZ/sMryyo+QdjuykYx3I4xnNJaMx81mnWWNc7W3KQOvp04xT/skmxsyx72lEmfLO3oBjGfbPWke0mk3l5Y9zbcYiIHDZ5G7n0o1AZYs7yHM6yxqP4SpAOeMYH1psLO96Qk8bpuYsiMuMc9R1z0/WpzbSu7NJLHkxsg2Rkdcc9T6ULbzb4t8sW2M8BYiD0I67j60gIA7tflY7hCC3MasvTvkdelMkJjvim5yrSqSGYDJ+XoMfT8jVhLWYJEjSxFYyDxEQTj33VXVpnm3CRyhdWkU/wkkDaOPbNAx98zRXG5XcBlAbLAKOvt7fqKLotGYXjd1ymPvAKo46kg+1JcNO9y6wyMpwcqQMBQM56d84okeZ5lWGRkbAUKwBGMA7jx+FADpsiwt5IvMXaoKqpH9w9cj0ppXztPyoaRw5I2yHk565GM0SySfZ7fy2kRvLUqOu5iMYPHvmkdZjAitvZgzfMmeWBGPw60ASWsbSW5xlGWTcGZW+bjvu59vwqQWflxkRMN2FByPvEHJz9adZxvEsiyEsd/3z1bgc/wBPwqxTsIqR2W1WDN/rEKyEdye/4U5bT94JGcGTcSWC4/hIx+tWaKLBcpx2bK6yOwLqQARnhR1/OojO014BA7OhcEFRhcDGeT179PWtGojbQmQSBArg5yvFFguVLycmYxwuzHhSEH3T9enORS3U+JEjV2LABZFQcgnGOeg/+vVqS2ilOXQbv7w4P50sltFLjzEBI6Hv+dFmBXuA4soRIDvG3c65+Q45PH5fjSqP+Jaf3ZPXjByeevr7+tF3G7eTGrKF3Yw+fmODwcUjhvsG1GjXDbWODjrj60DHWPR/vNyPnYNlvzq1UFqvll0OwMME7M/1qemhBRRRQIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqhqBxIu44ULlDlPvf8AAv6Vfqjdkpdq2GwUxlQp5z7mk9hojkb7ST5xjiMQ6OSCQQDngjj8+lPmVV0+Jlj2IcMwbBKAj/a464pb47WhZlJXB5BUEHj1/pT7gkww4B35BXLDOcH8DxSGTWpzbrgsw7Fsf04pbgZtpRtL/IflBxnjpTbQYt/fcc8g859qbeuFtyp2gSfISxwBkGn0F1I7NhGshYtsUA7mZyO/HzUliA5DhDgZAIkyB9B2p1tsubZlMzOSMMN2dtSxWwikZhJIxY5IY9TjH9KAJqKKKYgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAK13FJN8igFGAGTj5eeT+VM8mWO0WONQwBYbTjkc4z+lXKKVhleztjahkzlTg5Pc96sUUUwCiiigQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVC5KyNKzSrGyjbtYA5H49Kv0hRSwJUEjoSOlDGUpzlowp2OEP8ag449QabMsbW9rhW24G0qobaNp9addKDdLmJzkH51RT6cc0t2hksIkcHzGwAvBy20/h6n8KkZPajbbgEEcnGQAevoKmqG0OYMnO7cdwI6HPNTVQgooooEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAUr4ZlhKZ8xckcDp36kUkwjNhbLGCyEqF+XLY2+nrTr1TJLGgQtwTwikjp60k8ai2jiWME5DMNmSvHXA71JRNaRLFD8qkE9crg/lU9QWf/AB7DgDBI4GO/pU9UhBRRRQIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooApXqrK6/J5gTOSqBip4wOakjid4YpI3WNvLAIAyv4U97djIzRTNHvOWAAOTjGeenAqWNFjjVEGFUAAewpDGxR+VHtzuJJJJ7k0+iimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/2Q==)

Figure 5. 35: Correlation Matrix

### 5.3.3 Multivariate Analysis

1. Higher sales in year 2015

![A screenshot of a social media post

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3OAAAkpIAAgAAAAM3OAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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AUUUUAFFFFABRRRQAUUUUAFFFFAFuiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKpy/8fz/APXNf5tVyqcv/H8//XNf5tQAtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB//9k=)

Figure 5.36: Yearly Sales with Promo

The graph from Figure 5.36 is described above in Bivariate Analysis, where it shows that the highest sales are on the year 2015 whereas in the year 2015 has only 7 months but in the year 2013 and 2014 has 12 months still have low sales. Since the graph in Figure 5.36 shows the reason for higher sales in the year 2015. In the year 2013 January, the Rossmann shop provide less promotion that is why the sale is low and the same pattern continues during the month of January 2014 whereas in December 2013 they provide more promotion compare to January 2014. According to the bivariate analysis it is confirmed that during the month of December there must be higher sales with or without promo due to the Christmas but in the month of January, there is no festival that is why the sales are lower and the only things that can attract customer is a promotion. Hence in the year of 2015, the Rossmann store’s manager finally understands and provide a higher number of promotion in the year of 2015 January and less number of promotion on the year of 2014 December which can be a reason of higher sales in the year 2015. Below provides another graph as evident of higher sales with the promotion.

![A screenshot of a social media post

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3NgAAkpIAAgAAAAM3NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Nx/un9KWigBNx/un9KNx/un9KWigBNx/un9KNx/un9KWigBNx/un9KNx/un9KWigBNx/un9KNx/un9KWigBNx/un9KNx/un9KWigBNx/un9KNx/un9KWigBobPRT+lLuP8AdP6UoGOlFACbj/dP6Ubj/dP6UtFACbj/AHT+lG4/3T+lLRQAm4/3T+lG4/3T+lLRQAm4/wB0/pRuP90/pS0UAJuP90/pRuP90/pS0UAJuP8AdP6Ubj/dP6UtFACbj/dP6Ubj/dP6UtFADd2f4T+lLuP90/pS4x+NFACbj/dP6Ubj/dP6UtFACbj/AHT+lG4/3T+lLRQAm4/3T+lG4/3T+lLRQAm4/wB0/pRuP90/pS0UAJuP90/pRuP90/pS0UAJuP8AdP6Ubj/dP6UtFACbj/dP6Ubj/dP6UtFADd3ONp/Sl3H+6f0pcc5ooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooATcf7p/Sjcf7p/SlooAbu5xtP6Uu4/3T+lLjnNFACbj/dP6Ubj/AHT+lLRQAm4/3T+lG4/3T+lLRQAm4/3T+lG4/wB0/pS0UAJuP90/pRuP90/pS0UAICf7pFQ3v/Ht/wADT/0IVPUF7/x7f8DT/wBCFAEdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBbooooAKKKKACiiigAooooA8+OnN4g+KviOzvNT1aCGzsLJ7ZLPU54FiZ/O3NsRwrE7V+8COKqWfxMbR/DNvFrtxZS6r/ad1pa3F9dJZQS+QzAyvJghcqFyFU5Y4Ax037vwrrSeMNS1zQ9ds7IalbQW80VxprTsnlb8MjCZQCfMPVWHAqKT4exWum6Oug6lJZ6jo88lxDe3EYn895c+d5q5XcH3EnBXBxjGMUf1+O/3De/9dv8AMq2PxQttU0mFtMtIL7VJ9RbTIra1vVkt5JVTzC4nC8xiP5i23Pbbniuw0+XUZ9P3apawWV5kgxwzmeMehDFUJH1UViah4W1LVbOymvtZhGs6fd/arS8gstkUR2FChiLksjKzAgvnngjArasodSi00pf3ttcXxDfvorUxxA9sRl2OB6b8n1FGln/Xb/gi6r+u/wDwDjvB0mqw/E7xZp2q61daolvbWMkfnYRI2cSltiKAFHA9TwMk9a76uK0nwn4k0zxhqHiGfXtLum1FII7q2i0iSPckIYKI2NydrHceSGHTit7wxFrMehRt4luFm1GZmlkRVULAGJKxDaOQowu7knBOaYPf+uxzFg+r2vxtexvtbub22m0R7lbYgRwxN9oCjag9F4yxY8nnHFVPHEctrcSW+iazrF34vu38zT7W3vHWK3TeMNJCpEQiA4LSAk84JPFaY8I+Jz44TxK/iLSTMtp9iMI0aUKYvM39ftOd3GM9PajTfB/iXRdW1i903xBpLNq1611I93o0ksqjgJHvW5UFUUADgd/WlHaN+l/z0/DqD3bXl+X+fQ7Vc7Ru645xS0i5CjcQWxyQMAmloEtgooooGFFFFAHJeNb26tdb8Hx2tzNClxrQimWOQqJU8iU7WA6jIBwe4FQv8QdnhO61r+zM/Z9YOl+T9o+9i5EHmbtvHXdtx7Z71fn8NX2peJbLUda1OG4tNNuHuLG0t7QxFXKsgMjmRt+1WbGAnJyaxbn4cX01heaXFr8cWl3GqjVEi+wbpVfz1mZDJ5mGXIOMKCMjk4wSO+v9fD+iY5eX9fF/mh+qfEO/sYvE1zbaDFPaeG59l1JJf+W0qeUkhMaiNssA+NpIHA+bnA7C6W4vtKYaddfY5ZkBjnMQcxg9wp4Jx0zkZ7HpXNXvgL7ZpHjGx/tLZ/wk7s+/yM/ZswJF03fP9zPbrj3ro7m2vl0gW+k3Vvb3SIqpNc27TIMYzlFdCcjP8Qx70fZ+S/LX8RddPP8APQ5b4WXV9c+H9VXUtQutRlt9avLdZ7p9zlEk2qOAAOB0AA9AK7G5SaS1lS1lWGdkIjkZN4RscErkZ+ma4bSvC3izwpoOsQ6bq+nalcXs09zAi6c0BjuJnzvLNO48tSSdu0kgdSeD2C2+oxaGlvHfxy6ikCp9subfcryAYLtGhTqecArR9lei/LUPtP1f5nI/D19RmvfGVhqWs31+1rqxgiuZ2XeimCM/KAAq8sTgLj2rPtrmK2+I+kab4fv9cjbfN/aI1q5ufKuo1RhiFLg/O+/a26EbQucnBArX8P8Ag/xFouo6zcyeI7CRdYna5n8jSWjeKUxhFMZad1AG1ThlbPNWm8K6vqeraZdeJdbtbyDS7j7Vbw2enm3Z5QrKDIzSvkAMeFC5P5U1vH0V/u1/rqD2l8/+B/XQ6uiiikAUUUUAFFFFABRRRQBwWo2J1v4wT6bd6hqkNpDoUU8cVnqU9sokM8ilyI3UMcADnPSqVr8Q28OaHfW2v3UN1eWWtvpFvdXtwlqk42CVXlkxtXCHDELyV4BJxXQap4X1iTxo3iHQ9Zs7J5NPSxkhutOa44WRn3KVmTB+bHIPSq83w7hXRbSGw1OeHVbTUG1NNTljWRpLlsh2dOAVZWK7QRgYAIxSjol/X2r/AJDlZt/19m35lOx+Klpf6dL9ktrW91Nb+PT4YNPv1uLeeV03qVnCj5AoYsSoI2kYPGex0ubUp7MtrFlb2dyGIMdvcmdCOxDFEP4FR0rEv/C2p6zp0P8Aa2tQnU7O6S7srq0sfKjgkUEf6tpHLAhmDAvyDxjrW3pkOpQ2RXV723u7osT5lvamCMDsAhdz+bHr2p9H/XRfrcXb+u//AADjtCk1e2+MmqadqWtXOoQ/2NDcrEwEcUTtM4+RF6DCgZJZvUmu+ribTwj4ng8cP4kn8RaTJLNax2c0CaNKqmJHL/KTcnDHcRk5HTit7w1HrS2E83iOcNc3FzJLFbhUxawk/JFlfvEKASSTyTzjFC+FL1/P/IH8Tfp+X+ZzHmavafG6xtbrW7m6tLrSrqcWYAjgi2yxhcKOWIBPzMSeTjAOKpfEWaDSI7mSz1HxDDrs5Bs7j7TcRWFu7HC+YxxbBARyrZYjsSRWtdeEfE9x42t/Ea+ItJSW1t5bSKE6NKV8p3VjuP2nlhsAyMDrxVvXPDPiDXLO/wBLm8R2q6Tfq8cqf2Zm4WJ8gosvmBBwcAmMn6nmkvhj31/Nj05n20/I6iLf5KeaVZ9o3FehPfFPqK1t47OzhtoARHDGsaAnJwBgc/hUtU99CY3tqFFFFIYUUUUAFFFFAHO/EG5nsvhv4iubOeS3uIdNneOWJyrowjJBBHII9ai0fxO02stokluWe20e3v2uWlyZC5ddpGP9jOcnOelTeKfD2o+JbSXTF1WG00i7h8m8iW0LzyKc7gku8KmRxyje1V7zwjdjxQdX0TVIrETWCafcQy2nnZjRmZTGd67WG8jkMOnFTrrbr/k/1aHpZf11X6JmbpvxEvdZXw9HpmhRvc65pcuoIst9sSDYyDazCMkg7+oXPHTnI6Hwn4hPifQRfva/ZJVnmtpoRJ5gWSKRo2w2BuGVJBwOOwrI8O+AP7AufDkv9p/aP7E0uXTseRt8/e0Z3/eO3Hl9OevXitfwt4ePhnR5rFbr7SZLy5uhIY9mPNlaTbjJzjdjOecdq0dvz/PT8Cdfy/LX8Tm9Ck1e2+MmqadqWtXOoQ/2NDcrEwEcUTtM4+RF6DCgZJZvUmu+ribTwj4ng8cP4kn8RaTJLNax2c0CaNKqmJHL/KTcnDHcRk5HTit7w1HrS2E83iOcNc3FzJLFbhUxawk/JFlfvEKASSTyTzjFSvhS9fz/AMhv4m/T8v8AM5jzNXtPjdY2t1rdzdWl1pV1OLMARwRbZYwuFHLEAn5mJPJxgHFZPxG1rUdQgv59F1C6srHQbq1heW1maI3N1JPEroSpGUSNiCOhZ+fu1v3XhHxPceNrfxGviLSUltbeW0ihOjSlfKd1Y7j9p5YbAMjA68U7xV8LPDHiTTbmKPRtIsr64mjme/XTYmkJEiu2TwTuAIJz/EevSiO0b9P8/wDIb3fy/LX8TtKKitraCytYrazhjt7eFAkUUSBURQMBQBwAB2FS0CCiiigAooooAKKKKAOL+Ixlc+F7OO7vLaK812KC4NndSW7yRmKUld8bK2MgHg9qptrX/CCeK7/T76/u7rRF0aTVU+1TNPLbGJwsiiRyWYMGUgMSQQecVv8Ai7w5deIYtKbT9QhsLnTNQS+jee1M6OVR12lQ6HHz5zu7VUHgVNRXVpvFF9/ad5qtkbCWSGHyI4YDn5IkLMVyTkksxJA7DFJXSfz/APSUl+JTs2vl+bv+Bj6V8XtLurt49Qk0pI/sMt8r6bqyXzRpEAzLKqqNj4OQBuBwRnjnqPD2razq8SXOpaLDp1pPEJbci982XBwQJE2AI2Dn5Wcds1Ts/DGryaRJo/iPW7fVNMe1a1ZEsPJllQrt/eP5jAnHdVXn8qu+HtJ1jSIUtdS1mHUbSCIRW4Fl5UuBgAyPvIdsDGVVB14qtLv+u/8AwCNbL+u3/BOc8cyavY+LvCk8Gt3MVndazFbNYwgRxsnlSMd7feckqOMhcdiea76uO8VeE9f8Q6xp11ba7ptnb6Xere2sMmlSSvvCFcO4uFDD5ieFXtz66mnQ+I28SSy6pdw/2bBaRwpFDCqLczk7nmwSzIoGFClv7xOeDSj8NvP9F+qHLe/l+r/zOd+KEmr2VvpV9Ya3c2dv/atlA1rbAJ5u+dQ29/vEYONo2jrndnjX8WX1xd31n4Y0qeSC71AGW6nhYq9taIRvYMOVZjhFPUEkj7tQ+NfCmteK1gt7TW7CwsoLmC7RJdMeaQyROHGXE6jaSBxtz71en8H6TrMcU3i/SNE1nUkTy2u30tMFckgKJC7KBnpuPOT3qdeRrzf5L9fwG9/l+r/QpfC27ub/AOF2hXN/czXVxJbZkmnkMjudx5LHJJ+tdbXPeB/CFp4I8J2ui2QgYxDM08VuIfPf++wBPOMDJJ6CuhrSTTk2hBRRRUgFFFFABRRRQAV5zpXi260mTWGuxNfibxd/ZkSyzn9wkgjA25B4XJO0YHPau71KLUJrJl0i6t7S6yNstzbNOgHcFA6E/wDfQrlpvh6W8O/ZItVxqh1VdYe+kt9yPchw3MQYfJgBdobIAHOeaFpK72/4Kb/BMJaxsv60f62DX/iEdDbxKBpZuDoUdo+BcbTceecY+78uPxz7Vo6Z4lvZ/GFx4f1XTIrOZbMXsEkN0Zg8ZcoQ4KLtYHHALD3rHvvhzd6rB4h/tHXEe41xLRXeOy2JCYGz8q7ySD6E5Hqa6L/hH/8Aiuj4j+0/8w77D9n8v/ppv37s/hjH40LfXz/LT8RO9nby/NX/AAucz8S5NXsptAvbLW7m0tn1uxtntLcBBKHmAfe/3mBHG0EDrndnjv65Dxn4T1vxTLaJa63p9jZ2d5BexRyaY80hlibcAzidQVJ7BQfetCzg8TN4kgOo3tv/AGdbWZEv2e3Ea3lwzHkKzO6KigcbuS/oKI/DZ93+S/VMct7+X6/8E5/4wSavZeCbjUtK1u505bZ4AYrUBWlLTop3ScsFwx4Xac9SRxVzx7Z6zeahoQ06y1e802KaWTUItI1BbSVx5ZEa7jNESNzZwG/hqfx54U1fxjpEuk2ms2Wn2EwjaQS6c88u9JA4IcTIAPlUY2nvzzxel0/xQ9pA0fiDT476MsJSNKY28oJ4/dmbeGGOokwcnI6YS2t5/wCQ+ozwXe6XeaJJ/Y7aiBBcPDcQ6ncSzTwTLjcjNK7HjjoxXnI610NYvhnw6PD1pdCS6a8vL66e7vLlkCeZKwA4UZ2qAqgDJ4A5PWtqqZKCiiikMKKKKACoL3/j2/4Gn/oQqeoL3/j2/wCBp/6EKAI6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC3RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXB+JPi1pvhvxPdaG+geIdSns4UnuZtNsRPFCjDIZiHBA4PUdqV0h2O8orP0LXdO8S6Hbavolyt1ZXS7opVBGecEEHkEEEEHoRWhVNNOzJTvsFFFFIYUVy8Pj3T7rx7N4UstP1S6ubYAXV7Fa5tbZim8I8meCRjHB61meJvivp3hnxPNoT6B4h1S5t7dLmaTS7ITxxRtnDN84IHB7UrrTzDv5Hd0Vm+H/EGmeKdDttY0O6W6srlcxyAEdDggg8ggjBBpdc1/TfDenre61c/ZrdpkgD+Wz5d22qMKCeSetU007MV7q5o0UUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQXv/AB7f8DT/ANCFT1Be/wDHt/wNP/QhQBHRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAW6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK8X1Dx34f8DfHnxPN4ju5IPtWmWaW8ccDytMyhiVAUHB5HXAr2iilbVP8ArZr9R9Gv63ufNF5aw6N8LtDsPGuktY6drmtXV6Tdx3LJp6MCYkeKB0dmbPC7gBySOKs+GdPuJvgze6np5lluPCHiOW9sEaN0ZYYipeII5Z0BQt8pJIPUmvo6sPxd4Vt/GOijS73UdSsbcyB5f7PuPJaZcEGNzg5QhuR3wKesfh8rfK1vusGjtzed/ne/33Oc+FUR1HTNY8XuhE3iS/kuod4wwtk/dwA/8BXP/Aq8c0v7P/a+meT/AGx/wtb+3B/aG7z8fZ/NO7dn935Pl46fyr6bsLG20zT7exsIlhtraJYoY16IijAH5Cp6eimmtlb8P617k6uDT3f63/z0PGvhr4G8O2Xxj8a31tp2y40m9iWzfz5D5QlhJk4LYOST1zjtijWPHOgeBvj9rdz4kvHt1udFto4FSB5WlcOx2gKDg/XAr2Wip25bdFb8Lf8ABHvzX6/53/4B823cCaN8JbZPF+kvZaZ4g8Rz3hF2lxs0+FwTH5kUDK7ZxwgYDkHtWH/YllqPwa13zba4vbLQfEoNsqxzxfZ7ZvL8zbE7s6qVJOGJIznOea+rqKa0/D8LWv32/EN9/P8AG97ff+B81eNpPCkWm+Ejpdo1x8Nfs9z5cct1e28H2nzDzIyxyS5B3bQV9cHFeufByS5k+F+nfadQXUVRpUguF807og52DMqI5wOMlR0ruaKadr+f9f15Cetv6/rz89QooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqC9/49v+Bp/wChCp6gvf8Aj2/4Gn/oQoAjooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKALdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVBe/8AHt/wNP8A0IVPUF7/AMe3/A0/9CFAEdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB/9k=)

Figure 5. 37 Daily Average Sales with Promotion

1. Higher Sales in Store Type B

![A close up of a map

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM5MgAAkpIAAgAAAAM5MgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5.38: Higher Sales with more number of Customers

The graph is showing that the higher number of the customer is visiting on store type b compare to another store type that is why the number of sales is more in store type b. Another graph is provided below, which provide the evidence that most of the store type b is located in the place of less competition distance where the number of a competitor is more, but it is considered as a crowded place that is why the number of customers as well as sales is higher.

![A screenshot of text

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Hwu1uSewqa8+Enhy68F6d4bik1C0h0yf7TaXltc7bmKbJJkDkH5iWJPH0xgVo2r3/vX+V/8v66maT5UvK34f5/10MTxnf8AifTmsdKsPH/2bU7fTxLOlr4dN9PeOCQZXjjVvJjJAGcYzn0rDi+IPjDxFYfDb+ydTttLu/ES3kd67WazRs0QwG2kgjoSAGHJ5yOK7K/+EWj6hqVnfzaz4hS6gsksbiWHUmje/iXoJ2Ayx55IIzVjS/hXomkL4XFtdagw8MNO1n5kiHzPO+95mEGcZ4xj8aFa/vd/8/8AgFenb9P8zgbf4leLtN8GavaXd7balrkPij/hH7TUJbZYkG7GJXjXjjBwB7Zz32fFes+NPAPhWztL/wATR6xqus6pHZ2+ojSADaIyksRBFu81ht4GDnPSunb4WeHZdH17TbsXV1b67qD6jP5kgDQzMQcxlQCuCOM5PqTVdvhJo1z4Vn0LWNV1zV0kuFuY7zUL8y3FvIowpjfA2454x3NT018v0uvz+8btfTbX9bfoRfDLW/E97d6zpnihru/isnjay1e50eTTvtauDuXy3VcFSMcDvXoFc34S8GQ+EluSmt63rEtztDTaxfG4ZQucBeAAPmPQV0lU7EoKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKq3P8Ax9w/7j/zWrVVbn/j7h/3H/mtACUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFuiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKq3P/H3D/uP/ADWrVVbn/j7h/wBx/wCa0AJRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAczRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFXtJ/4+2/3D/MUUUAbFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB//2Q==)

Figure 5. 39: Higher Sales on Competition Distance

![A screenshot of a cell phone

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1NgAAkpIAAgAAAAM1NgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Sales Difference

Figure 5.40: LOD Average Sales Difference Bar

Figure 5.40 is showing that the number of store type with higher sales and lower sales compare to average sales difference. The bar of the Store with higher sales is showing upward position with a positive value and the bar with the lower sales is the downward position with the negative value. The Level of Detail (LOD) bar chart helps the manager of Rossmann Store to understand how the sales are going on each store of every year. Besides that, it will provide a clear understanding about which month need higher promotion on what type of store.

### 5.3.4 Analytical Feature

According to all the variable, the highest correlation variables with the Sales is Customers but it is not provided in the test dataset that is why customers can be used for making some additional features which will be used to train the model for better prediction. Pearson Correlation and Spearman rank correlation is used to calculate the correlation of sales and customers features for providing stronger evident. Pearson Correlation which is only suitable for continuous or numeric and linear related variables. It measures the degree of relationship between the two variables. Spearman rank correlation is a type of non-parametric test that does not do any assumption about the distribution of the data. It is assuming the monotonic relationship between the two variables. Monotonic relationship means when one variables increases do the other variables also increases or not increases (Rebekic et al., 2015). Below provided the result of the two variables where it shows that both have a value which is closer to +1 that means it is highly correlated.

**![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwOAAAkpIAAgAAAAMwOAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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m8Ni0to7i9vVhiLiOVvJZtjlSwA/vdCCR0IoufDEkC3Ukc7TQ2/ylo4GJL7AxUgfdxkAkniopvEl1cPC88MEjRvG7Fgx80oCF3DdjHJ4GByaittdurZT8kUsnmSSpLIGLI7qFYjBAOQB1B6UaAZlXbXSL29tTcW0QeMMy58xQSVXcQATknHOBTLue3lhtUtodjRRbZXxgyNknOM9s498fhV2z1sWGjLbwQg3SzvIsrg4jDIFyMHrweoIoArPo97G7LLGkW2Tyi0kyKu7buxknHTnPTkeoqR9JaG1vDcu0dzabC0W0MrKxGCGDe+emPepU8R3avas0ULfZomjXIYFsqF3Egg7toUZBHCikufEEt39sNxaWzveKqvITJkbQAMfNjjbnnPPtxRoBEdB1IOytbhdj7GJkUBTt38nOANvOelRyaRqEYlJs5mSIZeRELoowGzuGRjBBznoa0R4tvlztht1LHMpXeDIdmzJIbjgD7uORVGbWruXzwGVUn++pG/+EL958t0HrRoBNq2gTaVbJM8okUyNC+EK7XHXGfvDqMj0NLaaBNd6TJerKqlY3lVNpOVT7xLdB0OAeuDReeI7m+uI5bq3t5Ns3nSIwYrM2APmy3TA6DA5NRx67cxab9iEcRjHmeWx3ZjDjDADOOhIyQSMmjQCveWX2aG1nR/MiuY9ytjGGHDKfofzBBqpV29u45rW0trdWEVvGclgAWdjljx26AewFUqQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWT/as/wDdj/I/40f2rP8A3Y/yP+NTzIrlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZrUVk/2rP/dj/I/40f2rP/dj/I/40cyDlZrUVk/2rP8A3Y/yP+NH9qz/AN2P8j/jRzIOVmtRWT/as/8Adj/I/wCNH9qz/wB2P8j/AI0cyDlZrUVk/wBqz/3Y/wAj/jR/as/92P8AI/40cyDlZ//Z)**

Figure 5. 41: Pearson and Spearman Correlation

Furthermore, above data exploratory analysis it shows that the pattern of sales is cyclic, and the sales of each store can form a group with similar sales characteristic based on customer, month and year. That is why some additional features will be created which can provide a fixed range of sales and customer for each type of store that will uses by the given algorithm for better prediction. Below provided the detail about all the new features.

* AvgCustStore: - Average Customer in each store.
* AvgCustStoreMonth: - Average Customer in each store per month.
* AvgCustStoreYear: - Average Customer in each store per Year.
* AvgSalesPerCustomer: - Average Sales in each store per Customer.
* AvgSalesPerStore: - Average Sales in each store.

Moreover, it is also necessary to train the model at different time intervals. Therefore, the five-time bucket is created by splitting the feature Date. Below provides the name of the new features.

* Day
* Month
* Year
* Week
* DayOfYear

### 5.3.5 Log Transformation

![A screenshot of a cell phone

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1OAAAkpIAAgAAAAM1OAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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AFVtSsl1PSruxeaaBbqF4TLAwWRAwIypIOCM8HFWaKTSasxptO6OZ0nwdLpOmHTY/E2sS2QtDawwlLWIQDGAyNFAjBlHQ5I9jUt14UmuLOC1i8S63bRx2y20pSWF2uFAxudpI2Ic92XaTXQ0U3ruJabFbTtPttK0y10+wiEVraxLDDGDnaijAHPsKs0UU223diSsrIKKKKQwooooAKKKKAOe1rwmdda5iudd1WLT7tClxp8LQ+VKpGGXc0ZkUEddrjqadeeD7K/j1KG7u7+S2vlhC25uP3doYvuNCMfI2QGJ5yQK36KOgGPofhyHRbi7unvbvUb68KefeXhTzHVAQi4RVUKMngKOSSck1sUUUAFFFFABRRRQAUUUUAUtV06XUrZY7fUrzTZFbcs9mU3dMYIkVlI57qayLbwXBbJuTV9VN1Jfx311didUku3RQoSTYoXy9oAKqoHFdJRQtNQOdufCCX2oxTahrOqXdnDcrdR6dK0XkrIrbkORGJCFbBALkcDjiuiooo6WDrcKKKKACiiigAooooAK5TUfhj4O1K/tLyTw9psM9vd/a2eGyhUzthhiQ7MspLbseoB7V1dFHW4dLHO3Xg63vLeZJtU1RpjqB1C2uWnDSWUmMBYtylQgGRtYMMMc5zV/QtCt9BtJooJZ7ma5ma4ubm5YGSeRsAs20AdAAAAAAAABWnRQtNv6/qy+4Hr/X9d2FFFFABRRRQAUUUUAFZer+GNB8QPG+u6Jp2pvECsbXlpHMUB6gFgcVqUUrXA5nQ/AemeG7LSLPRri8tLbTBJ+5hkWNLxnXaWnCqA7DGQeOaltfCKR6xaahqGs6nqjWJZrOK8aLZbsylCw2RqzHaSMuW6nvXQ0VV3e4BRRRSAKKKKACiiigAooooA52Dwgi6taX2oa1qmpixdpLO3u2i2QOVK7gUjVmO1mGXZuvrzUb+CITZ6eqa3rCX+nmXyNUadJLnbIcujF0ZWU8DBXjauMEZrpqKAKOi6PaaDpEGnaeHEMIPzSNuZ2YlmZj3YsSSfU1eoooA//9k=)According to the above analysis, it is shown that the two variables Sales and CompetitionDistance is right skewed therefore their tail has a positive skewed toward the right. This is the reason for higher mean than median values because in general the value of mean and median is same in the normal distribution. In the real world, data are mostly skewed but in terms of statistics, the easiest distribution is the Normal Distribution which can provide a better understanding from visualization as well as training the model (Kubacki & Sosnowski, 2016). To make a normal distribution from the right-skewed distribution, log transformation will be applied to Sales and CompetitionDistance. Below provided the graph of two variables after applying log transformation.

Figure 5. 42: Log\_CompetitionDistance

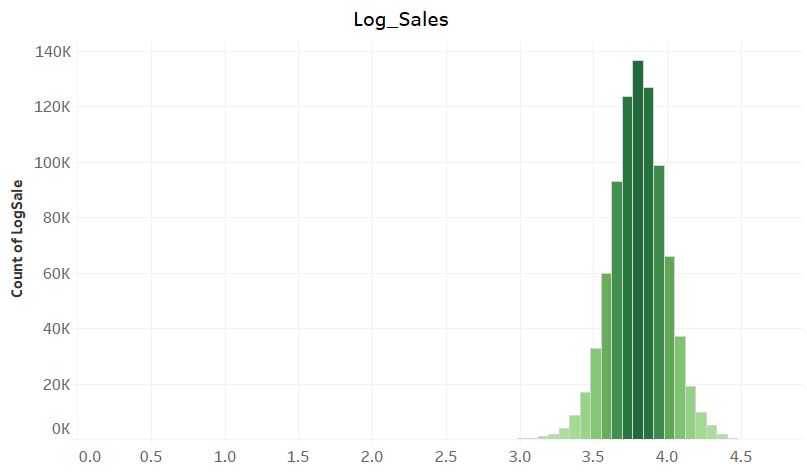


Figure 5. 43: Log\_Sales

### 5.3.6 Executive Dashboard

Executive Dashboard is about providing a number of information by using several graphs. Basically, the previously created graph, bar and all types of visualization are providing single information at one glance. There are 3 dashboards will be provided which is created by identifying the number of features mostly affect the sales from the Univariate, Bivariate and Multivariate analysis. Each dashboard will be interactive with each other, so it will be easier to see how one variable is affecting the other variables in the dashboard.

1. ![A picture containing screenshot

   Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3MAAAkpIAAgAAAAM3MAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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mvOlluLjvBnfHH4WW00czRXTL4C1Vj80tqv1dv8KuQfD2Un/Sb9FHpHGT/PFEctxctoMJZhhY7zONqxZafd6jN5VlA8zd9o4H1PavQ7LwXpNpzKj3TesrcfkMfrW7FDHBGI4I0jQdFRQAPwFelQySo9a0ren9f5nn1s4gtKUb+pyWjeBY4WWbV3ErDnyE+7+J7110caRRqkSKiKMKqjAA+lOor6HD4Wlh48tNWPCr4irXleowooorpOcKitv9U3/XR//QjUtRW3+qb/AK6P/wChGgCWiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooARerfX+lLSL1b6/0paAPMvEnw4u9Y8XzXVrcRCCcrJKGzuTOR+PQ1zHibTW0rxGuj2mnZtVdSgKEtLnqd1e4KT9qkGTjYvG73bt2+vf8KVoY3kDvGjOvRioJFdUMTKNr62OaWHi9jzy98dWPhq+h0GHSh9miVVlBP3SeoA712thpGlW0v22wsIIJJlBLpGASDVbUPCOjanqiaheWge4XBznAbHTI71tABQABgDgCs5zi0uXfqaQjJN83yPNfiR/wkn9s2v9lfaPsu0bPIz9/wB8V3em/bv+Efg+2Y+3eR8+f7+Kv0UpVOaKjbYcYWk5X3PCpfDXijxHr00V3FMZUZsyTnCKM9jXrfhPQm8O+HYbCSQSSKSzsOmT6VtUVdSvKouXZE06Kg79TldX+H2k6xrg1O4MiuSDIinhyK6lEWONUQYVRgD0FeWeLv8AhK/+E4T7B9p8jcvkeVnZjvmvUYd/kR+b/rNo3Y9cc0qikoxu7hTcXJ2Vh9ZniHRY/EGiTafLIYxJghx2I6Vp0Vim07o1aTVmeeeHItD8A6jLYX2qCW+uSAcL8qDsDXoYIYAg5B5Brhte+G0WteJP7TF4YkkYNLHtySR6Gu3ijEUKRp91FCj6CtqrjK0k7vqZU1KN4tWXQdWJ/wAIhov9t/2r9jX7Vu3Zzxu9cetbdFYqTWxq0nucH/wrKD/hK/7V+2N5Hm+d5OOc5zjPpXeUUVU6kp25iYwjHYKKKKgsKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCppn/Ho/8A18Tf+jWqaH/W3H/XQf8AoK1Dpn/Ho/8A18Tf+jWqaH/W3H/XQf8AoK0AS0UUUAFFFFABRRRQAjKrqVdQynggjINZN14T0C9YtcaPZsx5LLEFJ+pGK16Kak1sxNJ7nLP8NvCrtn+zNp/2Z5B/7NQnw28Koc/2YW/3riT/AOKrqaKv2tT+Z/eR7OHZGNa+EPD1kwMGj2m4dC8Ycj8WzWwiLGgWNQqjoFGAKWiocm92WklsFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUVt/qm/66P/AOhGpaitv9U3/XR//QjQBLRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAIvVvr/SlpF6t9f6UtAEag/apDg42Lzt9279/p2/GpKiXH22T7ufLTPXPVvw/yfapaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAqaZ/wAej/8AXxN/6Napof8AW3H/AF0H/oK1Dpn/AB6P/wBfE3/o1qmh/wBbcf8AXQf+grQBLRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUVt/qm/66P/AOhGpaitv9U3/XR//QjQBLRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAIvVvr/SlpoYBmyQOfX2pd6/3h+dADFJ+1SDJxsXjd7t27fXv+FSVCrD7VIc8bF5wPVu/f6dvxqXev94fnQAtFJvX+8Pzo3r/AHh+dAC0Um9f7w/Ojev94fnQAtFJvX+8Pzo3r/eH50ALRSb1/vD86N6/3h+dAC0Um9f7w/Ojev8AeH50ALRSb1/vD86N6/3h+dAC0Um9f7w/Ojev94fnQAtFJvX+8Pzo3r/eH50ALRSb1/vD86N6/wB4fnQAtFJvX+8Pzo3r/eH50ALRSb1/vD86N6/3h+dAC0Um9f7w/Ojev94fnQAtFJvX+8Pzo3r/AHh+dAC0Um9f7w/Ojev94fnQAtFJvX+8Pzo3r/eH50ALRSb1/vD86N6/3h+dAC0Um9f7w/Ojev8AeH50AVdM/wCPR/8Ar4m/9GtU0P8Arbj/AK6D/wBBWotOVltXDAgmeYjI7GRiD+VKk8UU84klRDvBwzAfwrQBZoqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAloqL7Xb/APPxF/32KPtdv/z8Rf8AfYoAlqK2/wBU3/XR/wD0I0fa7f8A5+Iv++xSWhDQEqQQXcgjv8xoAmooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACis/+1h/z7S/mv8AjR/aw/59pfzX/GgDQorP/tYf8+0v5r/jR/aw/wCfaX81/wAaANCis/8AtYf8+0v5r/jSDV1JIFtL8pweV/xoA0aKz/7WH/PtL+a/40f2sP8An2l/Nf8AGgDQorP/ALWH/PtL+a/40f2sP+faX81/xoA0KKz/AO1h/wA+0v5r/jR/aw/59pfzX/GgDQorP/tYf8+0v5r/AI0f2sP+faX81/xoA0KKz/7WH/PtL+a/40f2sP8An2l/Nf8AGgDQorOXV1YZFtKeSOq/40v9rD/n2l/Nf8aANCis/wDtYf8APtL+a/40f2sP+faX81/xoA0KKz/7WH/PtL+a/wCNH9rD/n2l/Nf8aANCis/+1h/z7S/mv+NH9rD/AJ9pfzX/ABoA0KKz/wC1h/z7S/mv+NH9rD/n2l/Nf8aANCis/wDtYf8APtL+a/40f2sP+faX81/xoA0KKz/7WH/PtL+a/wCNH9rD/n2l/Nf8aANCis/+1h/z7S/mv+NH9rD/AJ9pfzX/ABoA0KKzv7XXcF+zS5IyOV/x96X+1h/z7S/mv+NAGhRWf/aw/wCfaX81/wAaP7WH/PtL+a/40AaFFZ/9rD/n2l/Nf8aP7WH/AD7S/mv+NAGhRWf/AGsP+faX81/xo/tYf8+0v5r/AI0AaFFZ/wDaw/59pfzX/Gj+1h/z7S/mv+NAGhRWf/aw/wCfaX81/wAaP7WH/PtL+a/40AaFFZ/9rD/n2l/Nf8aP7WH/AD7S/mv+NAGhRWf/AGsP+faX81/xo/tYf8+0v5r/AI0AaFFZ/wDaw/59pfzX/Gj+1h/z7S/mv+NAGhRWf/aw/wCfaX81/wAaP7WH/PtL+a/40AaFFZ/9rD/n2l/Nf8aRtXVRk20o5A6r/jQBo0Vn/wBrD/n2l/Nf8aP7WH/PtL+a/wCNAGhRWf8A2sP+faX81/xo/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGj+1h/z7S/mv+NAGhRWf/aw/59pfzX/Gj+1h/wA+0v5r/jQBoUVn/wBrD/n2l/Nf8aP7WH/PtL+a/wCNAGhRWf8A2sP+faX81/xo/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGkGrqSQLaX5Tg8r/AI0AaNFZ/wDaw/59pfzX/Gj+1h/z7S/mv+NAGhRWf/aw/wCfaX81/wAaP7WH/PtL+a/40AaFFZ/9rD/n2l/Nf8aP7WH/AD7S/mv+NAGhRWcurqwyLaU8kdV/xpf7WH/PtL+a/wCNAGhRWf8A2sP+faX81/xo/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGj+1h/z7S/mv+NAGhRWf/aw/59pfzX/Gj+1h/wA+0v5r/jQBoUVn/wBrD/n2l/Nf8aP7WH/PtL+a/wCNAGhRWf8A2sP+faX81/xo/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGj+1h/z7S/mv+NAGhRWf/aw/59pfzX/Gj+1h/wA+0v5r/jQBoUVn/wBrD/n2l/Nf8aP7WH/PtL+a/wCNAGhRWf8A2sP+faX81/xo/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGj+1h/z7S/mv+NAGhRWcNXUkgW0vynB5X/Gl/tYf8+0v5r/jQBoUVn/2sP8An2l/Nf8AGigD/9k=)StoreType Sales Performance

Figure 5. 44: StoreType Sales Performance

The above dashboard is showing how different type of factor can affect the sales of each StoreType. There are less number of StoreType b but the average sales of StoreType b are higher compared to the other store. The reason of higher sales is that the only one store which is open on Sunday is StoreType b and another reason is that the StoreType a, c and d do not sell the Assortment type b which is Extra. Only StoreType b is selling all type of Assortment. Besides that most of the StoreType b has lower CompetitionDistance that means most of the store is located at a crowded place. According to the information of the “StoreType Sales Performance” the manager of the Rossmann Store can easily identify that increasing the sales of Assortment Type b (Extra) in other store is increasing the sales of Rossmann Store compare to past two year as well as some of the StoreType c and d need to be open on Sunday due to the average sales on Sunday is higher. Besides that, the number of the store will be increasing the selling of Assortment Type b and open on Sunday must be the store which has less Competition Distance.

1. Sales with Promotion

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM5NAAAkpIAAgAAAAM5NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 45: Sales with Promotion

The dashboard of “Sales with Promotion” is provided a view that how promotion increase the daily, monthly and yearly sales. In the scatterplot, it is showing that the daily sales with the promotion is higher compared to without promotion. Moreover, the yearly sales in 2015 are higher compared to the other two years instead of the year 2015 has only seven months. The reason behind this is that in January 2015 they provide higher promotion compare to the other year. By using this dashboard, the Store Manager of Rossmann understands that in the month of December the sales are always higher due to Christmas and the month of January in 2013, as well as 2014 sales, is always lower. According to this, it is necessary to provide more promotion in January compared to December.

1. Sales Performance of Individual Store

![A screenshot of a cell phone

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM0OQAAkpIAAgAAAAM0OQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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R6AVxVa/PFcu5106PLLU8+8aeBtLsPCUkuk2biaB9+VOSQeufWsj4YaRHMmp3l1ZsxjhKxSMvQkHIA9a6H4nnWxZ2x0nzvs2T53k9c9s+1UPAHjt7m4ttDv4MyMCqzr1J9xWkXUdBvchqCrJbHnuk2N5f8AiSK20/ctw03ynOCuD1Ne/wBjo1jYy/aIrWFLplAklVcFj3NPt9I0+0vHurazhink+9Iq4Jo1e3uLvR7qCzk8ueSIrG3oaxrVvatJaI1pUfZpt6mH4g8GaT4qvI7qadlliG1zCwOR6GthZNO0rRGVXT7JaRYYAhsKB0Ned+EvCPiay/tP7Q72vmwNGm5873PQ/wD16m8D+D9Ytry+XXUZLOaIxvGz58wnv/8AXqpQVrOd0iYyd7qOrN3wd4j8PapfXFvo1iLOY/MfkA8wev8A9auxrmvDfgbTfDV5LdWjSSyuNoMh+6PQV0tYVXFy9zY2pqSj7x5x8RPE2vaPrFtBpZaKAoGDKmfMb0qxq/xHl0OGwiubAyXU0Cyzgnbtz6e9d5JDHLjzY1facjcoOKytZ8K6Tr00UupWwkki4VgcZHofatI1KdkpR2IlCd24vc89s/HHiK+8aQpCrm1mkAW32cbD3z/WvWqhhs7e3VBDBGmxQqkKMgemamrOpOM2uVWLpxlG93cKKKKyNBHRZFKyKGU9QRkGhEWNQsahVHQAYApaKACiiigAooooAKKKKACiiigCpq3/ACBb3/r3k/8AQTVuqmrf8gW9/wCveT/0E1boAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAIrT/jyg/65r/Kpaq286paxI6yhlQAjym64+lS/aU/uy/8Afpv8KAJaKi+0p/dl/wC/Tf4UfaU/uy/9+m/woAloqL7Sn92X/v03+FH2lP7sv/fpv8KAJaKi+0p/dl/79N/hR9pT+7L/AN+m/wAKAI9Q0+11Wxls7+FZ4JRhkb+Y9D79q8c8WfDe/wBFke60pXvbDOcKMyRD0IHUe4/HFez/AGlP7sv/AH6b/Cj7Sn92X/v03+FbUq0qT0MqlKNRanzFRXvOu+DfD+vuZbm1mguD1nt4mRj9flwfxFcRqHwnuoyx0zUFmX+FZ7d0P5gGvShiqct9Dglhpx21PPaK6iX4deJYz8lgZf8AcYf1xSRfDrxLIwD6eYsnq7Dj8s1t7an/ADIy9lPszmKK9BsPhPeSMp1LUEgXusMEkh/UAV22ieCvDuhlZIrOW5nU5E1zEzkH1AxgflWM8VTjtqaxw05b6HnfhT4c6jrjx3OoK1lYHDb2HzyD0Uds+p/WvZNM0y00fT47PT4Vhhj6KO57k+pqb7Sn92X/AL9N/hR9pT+7L/36b/CvNq1pVXrsd9OlGmtCWiovtKf3Zf8Av03+FH2lP7sv/fpv8KxNSWqmo6Za6ramC9j3r1Vhwyn1B7VN9pT+7L/36b/Cj7Sn92X/AL9N/hUyjGcXGSumVGUovmi7M891bwXf2JaSz/0uAc/KPnUe47/hXOMpRirgqw4IIxivZftKf3Zf+/Tf4VVu7bT78D7ZaedjoXt2JH44zXgYjJISd6MreT/r/M9uhnE4q1VX8zyOivRZfCWhSH5ILqL2QP8A1BqIeDdFByTfH2Kn/wCJrznkuKT6fed6zbDNdfuPP6uWGlXupybbK3eTnBbGFH1PSvQ7bw/odqQUsGdvWWJ3/QjFaqTQxoEjjkVRwAsLAD9K6qORyverL7jmq5zG1qUfvOe0TwXb2DrcagwuZl5VAPkU/wBa6iovtKf3Zf8Av03+FH2lP7sv/fpv8K+hoYelh48tNWPCrV6leXNUdyWiovtKf3Zf+/Tf4UfaU/uy/wDfpv8ACtzEloqL7Sn92X/v03+FH2lP7sv/AH6b/CgCWiovtKf3Zf8Av03+FH2lP7sv/fpv8KAJaiu/+PKf/rm38qPtKf3Zf+/Tf4VFcTq9rKiLKWZCAPKbrj6UAWqRPuL9KWmq2FAIPT0NADqitseU23bjzH+7n+8fWpNw9/yNRwkiM7w4O9j83PG44/Tt2oAcsMSOzrGis33mCjJqtb6Rp9pePdW1nDFPJ96RVwTVvcPf8jRuHv8Akad2KyFpnkx+b5nlp5nTftGfzp24e/5GjcPf8jSGKQGBBGQeoNNjijiXbEiovoowKXcPf8jRuHv+RoAHRZI2RxlWGCPUVy2kfD7SdH1w6nbmRnBJjRjwhNdTuHv+Ro3D3/I1UZyimk9yXGLd2LRSbh7/AJGjcPf8jUlCkBgQRkHgisXT/COjaZqj6hZ2gS4bJznIXPXA7Vs7h7/kaNw9/wAjTUmtEJpPcWik3D3/ACNG4e/5GkMWik3D3/I0bh7/AJGgBaKTcPf8jRuHv+RoAWik3D3/ACNG4e/5GgBaKTcPf8jRuHv+RoAWik3D3/I0bh7/AJGgBaKTcPf8jRuHv+RoAWik3D3/ACNG4e/5GgBaKTcPf8jRuHv+RoAWik3D3/I0bh7/AJGgBaKTcPf8jRuHv+RoAq6t/wAgW9/695P/AEE1bqrqCNPpl1FEpZ5IXVRjGSVIFWqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorM/tO4/54Rf8Afw/4Uf2ncf8APCL/AL+H/CgDTorM/tO4/wCeEX/fw/4Uf2ncf88Iv+/h/wAKANOisz+07j/nhF/38P8AhR/adx/zwi/7+H/CgDTorM/tO4/54Rf9/D/hR/adx/zwi/7+H/CgDTorKbVZ1Kg28fzHA/eH0z6e1O/tO4/54Rf9/D/hQBp0Vmf2ncf88Iv+/h/wo/tO4/54Rf8Afw/4UAadFZn9p3H/ADwi/wC/h/wo/tO4/wCeEX/fw/4UAadFZn9p3H/PCL/v4f8ACj+07j/nhF/38P8AhQBp0Vmf2ncf88Iv+/h/wo/tO4/54Rf9/D/hQBp0Vmf2ncf88Iv+/h/wpq6rOxYC3j+U4P7w+mfT3oA1aKzP7TuP+eEX/fw/4Uf2ncf88Iv+/h/woA06KzP7TuP+eEX/AH8P+FH9p3H/ADwi/wC/h/woA06KzP7TuP8AnhF/38P+FH9p3H/PCL/v4f8ACgDTorM/tO4/54Rf9/D/AIUf2ncf88Iv+/h/woA06KzP7TuP+eEX/fw/4Uf2ncf88Iv+/h/woA06KzP7TuP+eEX/AH8P+FH9p3H/ADwi/wC/h/woA06KzP7TuP8AnhF/38P+FNfVZ0RmNvHhRk4kP+FAGrRWZ/adx/zwi/7+H/Cj+07j/nhF/wB/D/hQBp0Vmf2ncf8APCL/AL+H/Cj+07j/AJ4Rf9/D/hQBp0Vmf2ncf88Iv+/h/wAKP7TuP+eEX/fw/wCFAGnRWZ/adx/zwi/7+H/Cj+07j/nhF/38P+FAGnRWZ/adx/zwi/7+H/Cj+07j/nhF/wB/D/hQBp0Vmf2ncf8APCL/AL+H/Cj+07j/AJ4Rf9/D/hQBp0Vmf2ncf88Iv+/h/wAKP7TuP+eEX/fw/wCFAGnRWUNVnLlfs8eQAf8AWHvn29qd/adx/wA8Iv8Av4f8KANOisz+07j/AJ4Rf9/D/hR/adx/zwi/7+H/AAoA06KzP7TuP+eEX/fw/wCFH9p3H/PCL/v4f8KANOisz+07j/nhF/38P+FH9p3H/PCL/v4f8KANOisz+07j/nhF/wB/D/hR/adx/wA8Iv8Av4f8KANOisz+07j/AJ4Rf9/D/hR/adx/zwi/7+H/AAoA06Kyjqs4cL9njyQT/rD2x7e9O/tO4/54Rf8Afw/4UAadFZn9p3H/ADwi/wC/h/wo/tO4/wCeEX/fw/4UAadFZn9p3H/PCL/v4f8ACj+07j/nhF/38P8AhQBp0Vmf2ncf88Iv+/h/wo/tO4/54Rf9/D/hQBp0Vmf2ncf88Iv+/h/wo/tO4/54Rf8Afw/4UAadFZn9p3H/ADwi/wC/h/wo/tO4/wCeEX/fw/4UAadFZn9p3H/PCL/v4f8ACmnVZw4X7PHkgn/WHtj296ANWisz+07j/nhF/wB/D/hR/adx/wA8Iv8Av4f8KANOisz+07j/AJ4Rf9/D/hR/adx/zwi/7+H/AAoA06KzP7TuP+eEX/fw/wCFH9p3H/PCL/v4f8KANOisz+07j/nhF/38P+FH9p3H/PCL/v4f8KANOisz+07j/nhF/wB/D/hR/adx/wA8Iv8Av4f8KANOisz+07j/AJ4Rf9/D/hR/adx/zwi/7+H/AAoA06KzP7TuP+eEX/fw/wCFH9p3H/PCL/v4f8KANOisz+07j/nhF/38P+FTRXV3LCkiwwgOoYZlPf8A4DQBdoqp515/zxg/7+n/AOJo868/54wf9/T/APE0AW6Kqedef88YP+/p/wDiaPOvP+eMH/f0/wDxNAFuiqnnXn/PGD/v6f8A4mjzrz/njB/39P8A8TQBboqp515/zxg/7+n/AOJo868/54wf9/T/APE0Af/Z)

Figure 5. 46: Sales Performance of Individual Store

This dashboard will show the individual store sales performance by providing different factor influencing higher and lower sales. Manager of Rossmann Store can use this dashboard to identify what is the reason for higher and lower sales on a specific store. Besides that, they can filter the sales of a store based on year, month and day. Moreover, by clicking on a store the dashboard will show the type of assortment, store type, number of promotion they are given, weekly average sales based on average customer and the competition distance of that store. Since it will give a detail view about each store.

## 5.4 Feature Selection

### 5.4.1 Correlation Matrices

The highly correlated feature identified by the Correlation will be used to train the model first. A feature which is highly correlated to the target variable Sales is provided below,

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4MgAAkpIAAgAAAAM4MgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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qYtIlTdJLGkTh2JwuHkC9FJyGPbjrhsVjpkel38lwlxPNZyrF5kF0ojk3FgGA2Hj5fXnPas2y1G50/zPszJtlAV0liWRGwcjKsCMj1xmmfbJ/JniDBY7hw8iqgAJGcYwOOp4FAGtF4bElxbobsrHdS28du5i+/5oyTjdxt6Hrz9afB4bgupI5LfUM2ZheR5pEWNhtcJgB3C8llxlhwfXg1k1sQ32lSQQOLfTHV44XlDMx372ywUdTx04HryTCNdvxcrMJIlKxmIRi3jEewnJHl7duCeenXmjQCvqFqtlqEtvHPHcIh+WWNgQwxkdCRn1wTznk1r3Gi2j6VBNbTGO6Fh9qkh2Eq4DlSdxPB9gMcdeaoJd6dLuk1CyuJJ2OSbaeOBPwQRED8KJtau5LM2aOFtgvlqDGnmeXu3BDIFDEZ5x0z2o0AzqKKKQBRRRQAUUUUAFX9F08apq0Vq28qVd2WPG5gqliq54ycYz2zmqFTWt1NZXKXFs+yRDwcA+xBB4Ixxg0AXdc06DT7mD7JJviuIBKB5qy7DuZWXeoAbDKeQMfXqS2srOfQb253T/arfYccCMBmC+5J/LHvTBreoLqAvVnCziMxKVjUKqFdu0KBtAwT0Hem22r3dpYy2kHkeTN/rA9tG5b/gRUnjtzx2p6AXoNN0+4sbSTF3C8tzFCWYh/OB/wBYUQLn5TgdTnI6Hipb7SLGzv7OJba7nFyCixRXSHL79o2y+XtYH0xkHqc8CifEOolbceZCGtQghkW2iDoFOVAYLn9ee9MfW757iKcSRxvCrLGIoUjVN2ckKoAB564z054FGgG7aeGtMu7ucxyzmzF2LVJTOihDgZYkr8+SflUAEgHpg1liy09dIvJZ4blJ7YiJZBcKUklJ6BdmcYDH73YetU7HV73TUZbOVUDMH+aNX2sOAy7gdrc9Rg1A91M9pHbM37mJmZVCgctjJPqeB19KAIaKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVpabpJ1C1uZfNMZiGIlEe7zX2s23rxwh9eSPWs2tLT9f1DS4oo7GdokjmMzKrECUnb8rgH5l+Xp7n1pgRzaW9vpUF9LPEouATFFtfcwDbSc7dvBHTdnpxVmbw9PBqa2LXMHnBGeXiRVhVV3EsSoyMcgrnPbORmH+12XSprCC1ggjnIMrI0hL4ORwzFePUDPvycz/wDCRzL9nSG0tore3Eii3BkZGEgw4O5ycH0BHPPXmjQAHh6XEsj31oltHGkv2ks+xlckAgBd33gRjGR9Oae+h20ehT3b6lb+fDctDtUuyvgHgEIQScZBzjB5Iqtca3PcW80AhgihlSOMRxqcRqhJAXJJ6kkk5PNRW+pNDps1k9vDPFK29fM3AxvgjcpUjnB6HI46UaAasvgrUY40KTWszu6oIo2Ytkso7rjjcvfv7HEU3hO9trgpcTQwxiBpzLKskYCqwU/KyBs8j+HntmnN4x1EkFY7dGDBgVU9Qyt3Pqg/AmqLattaf7LY2tqJ4TC6xeYQQWBz8zHB4Ht7UaBqXk8NxR22pfbtRt4J7NkC/wCsKkN0Y4QnBB47+oFYFav9vzPcXUlxbW86XaIskLhwvyY2kFWBB49ccmoTFpP2UsL28M+zIQ2abd2Om7zc4z3x+HagBuoaadNcRS3UElwp2ywR7i0LdwxKhcjpwTyKpVd1HUv7SfzZbWCO4Y7pZo9waZu7MCxXJPPAHJqlSAKKKKACiiigAq3plgdS1BLcMUUhndwhYqqqWYgDqcA4Hc4FVKtadfzaXqEV5bY8yPOAc4IIII4IPIJHBBoAn1rSW0i7iiLOyTRCVPMTY4BJBDLk7SCpGMnp+FJBpsU+i3V8LsebblcwCM9CwXJbgDr2z+FOOsMb5JzZWhjihMMds0ZaNFIPQEkk5YtkknJpLTVhaabcWf2C1lFwAHkkMm7g5HRwODz0+uaegGhP4SuE05ZoWlkuMxBojDtVi+OEbd85BZQeAAT1qtdaRaWV5bRT30ksdxAJA9rbiTL7yu0AuMjKnDZ544ol8S37wIsZWCdUjRrqJnErKgwozuwP+AgZPJzSSeJdSnuLOe6mNw9khEXnMz/MSTvOT94Ejn/ZX0o0Av2/hFbm/nt4b2R0Sf7OkiW4PzAAsX+fCKpIBOTnPANUJ9BltNF+23C3IcnhY7YtEg3bfnkzhSecAA9vWmadr1zp1u0KxQzp5yzoJtx2SAYDgAgE89GyOOlB1+5On/ZmjiZ/JMAuGLmQRltxX723qTzjPvRoBl0UUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArQsdEvtRg820jjZfM8td0yIXfGdqhiCx9hms+te01x7DQ/stphLj7SZfMaJG2jaB8pIJVsjqMH3pgUTp16LM3Zs7gWwxmbym2DPA+bGKkbR9TWaKJtOuxJMN0aGBsuPUDHPWrM2tNu0027ShbW3WKSNmwr4csRweh4/KtQeI7C3a6Fv9slW6eeVjIiqUaRNoUYY5HPLcZ44o0Awl0fU3ufsy6ddtPs8zyhA27ZnG7GM496WLSLubT5b1BD5EPEha4jVlPptLbsnBwMc9q3b3xFp2ptLHctfQRyOJPNiRWfInmcLgsONso5zwVHBqjJqlhdWOrGdrmO5v7jz1jSFWRCCxALFwed3XbxjvRoBnDSNSKxMNPuiJjtiPkN+8OM4HHPHPFTXmganZaodPksp3n3MsYSJj5oXOWTjLDjOfSrV/rcV3aXcIE375LVY92ML5SbW78ck4/pVka3pya9qF7E1x5eopJv8y0jkMLM4fhWYq4yMc44NGgGLFpWozySJBYXUjxMVkVIWJQjqCAOCKi+yXHP7iXiPzT8h+5/e+nvWte66ZrOaOK4nadrxJ1mESw8Km0fKhwpHGMVE+rxPoK2zJIbviFpDjBgDmTGeudx9OgFGgFSTS7q2miTUYpNPWX7sl1E6rj14Uk/gD1qK9tHsNQuLOYq0lvK0TlTwSpwce3FburavpOoWsdpAs1vALl5spZxJ5aEYCAKw3kYHzMcn8Kq6jbprWsXl9pk0YinmaUi8nht2UsxOAGk5Az1oApQ6Te3Fk13FEpiAYjdIqswUZYqpOWwOTgHFUq6i012LSdNFnIuLu3SWIGFY5UlDgkAyBuACxJCg7sAE+nL0AFFFFIAqa1tpry6jt7ZDJLIcKucfmTwB3JPAqGtDRL6LTtWjuLmLzYdrxyJtzlWUqeMjPXpkZ6ZoAr3llPYT+VcqoYqGUo4dWB6EMpII+hp6aZePpr36wn7LGQDISBnnHAPJ5I6dK0L/AFOw1LUrc3jXT2tvbGFXSNI3Y/Mw+QfKqhmxgdFAqLT7rT4dFvre5mulnugoURwKyrtbcOS4PPTpx70wITomoC3im8gFZigVVkUt8/3MqDlQexIGaU6FfidYvLiO+MyiQXEZj2g4J8zdtHPHXrgd617zxHZ3mn/Z3WaMXAgS5SKBFC7MbnDbsux28A4CgkepMMmrWMeoIbG7uYbNYWhET2EcgVMg4KtIQ+TyScc9B0ANAMtNHvZJZ4/LjT7OQJHkmREGemGYhTkAkYJyORkUyTTbuLTkvpYSlvI2xHJAJPOOOuODzjHBroV8U2VxcXDXtu3lvcJIqm3jnMiKgTYdxAQkKPmAJGTj3yvtWm/8I7LaCS5W5ecThBApjXAYBd2/PRuuPw70aAZFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKlit5p0keGGSRYl3SMikhB6n0FRVv6FqWmWNmIb5JnNzOVnMcm0RxbNmSNp3f6xzgEH5R7UwMCit+a9hbwqLOTUQzxcQwWzShX+fJMisoQ4BOCDnpkHtoTaxaSana3M2ph5xHMnmRNM0FqxTCOiuoZeeoGQMAjGAAWA5Cpvss32M3ez9wJPLL5H3sZxjr0FdHca+sNtd/ZtRd79oII/tkYZWmdWJZgxAbhSFycEge9V49duLnw7e2s2rSW8zztMYyXVZlZW3IAgIGWPQ4XmgDnqK9Bn8V6VKkcc9wZ4UlRvKMbYIEkZ6Y5wA5x9fWsy48Rbbm4m+3W7TfYnihntvtBfcXUgFpctkYJBzgetFgOXjtZpbaa4jTMUG3zGyPlycCoa64+IFe41eK11iSyW6EUsUuZFUuAu/7oJDHnnHOOTWAdE1YWpuTpl4IAnmGU277duM7s4xjHOaAKtzby2l1LbXC7JoXMci5BwwOCMj3qKun8U6vb6gkqx3y3xe9kmgKo4EEJGAnzKME8EgccZzk1zFABRRRSAKKKKACnxxvNKkUKNJI7BURRksT0AHc0ytPw/d29lrUUt6SICkkbMCQV3Iy5yORjPYE+lAFG4tp7S4aC7hkgmXG6OVCrDIyMg+1Pisbue2kuILWaSCL/AFkqRkqn1I4Fa2pz2GpajaxPdxW8FvaeUZ4IHKFgWZVVT82OQuTzxk1c0fWdOtdGgE/lC4thOpSRXZnDrxsAG0E52kseAOKYGF/ZGpeTDL/Z135c5AifyGxIT0CnHOe2KbcaXf2kscV3Y3MEkpxGksLKX+gI5rRvp7C50mIyvam/2wor24mBVVTaRLv+XIAX7g6g/i8azZWl/tjhlntre3NvbPFL5TKT96UZVuWJbtkAjuBgAy4tK1CaSaOGwuZHtziZUhYmP/eGOOh6+lRpZXUlm92ltM1tGdrzCMlFPHBboOo/OuwTWtGbVby4W58qNr8XCecGYjg/vItsfD5PCv8AL0zk8jKmu9IuPDkMUhj8+C3KRr+980SeYTkD/V7SDk5y36UWA52iiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFdf4WvLJbPTrW9uIYcan9oDu4XyygjIJyeAQHX6kelMDkKK7CxTSx4fg+0SWcjbYnDO0KuG89QyldnmcJnJZsEdBjpfuZNAmmt/k00bXO0ReUgLbJdu44IxkR/eBHTIOTksBwFFdFcPE+uytDbabbf6I4ZZp45Y2Ow8qYwED+gAHNc7QAVNa2dzfTeTZW8txLjOyJC7Y9cCuokkW+trAanqEdoqTwIII7yOeDb0LiIE+WQvXdkEk9OlSulk3iXQriBrG3eKRZLvF1BtQLKDyyBEJ2nsM/XFFgOMorqdESys7G4S5t7O7u0nAkR7y3VTFt42u4YHnOdhDDjmqbLE/hMZNpbvGMjBgkkuSZP+/kZAPuCB2/iLAYVOVWdgqKWZjgADJJqze6fLYR2ryvG4uoBOmxs4BJGD6HINafhkxI8ku+ySdJYiGvNmFiyfMKh+C3C9AWxnFAGM9vPGrNJDIqo/lsWUgK390+/tUVdXdagbjSNWt7WWwYrfySYkWEM0RD/MrMMsfQqSw4xRbrYvc6O4t4WfU57fzI2iXCKjbHwMcB2GePQj1FFgOUorsozpy6jEL2LTzeLBNtjgkhSLO4bAzYaPdt38sD/DnnFZEzRvqWqtDBp9uptj+7llSQA5TPlMgClyeRgAAFhRYDEq2ml6hLHDJHY3LpO22FlhYiQ88Kccng9PSqyMFdWKhwDkq2cH245rd1ueHVLqwhsoLOJhaxAus5UA7OULO+0Y98H1JoAw5I3hleKZGjkRirowwVI6gjsaZXXTJEdf1uSCXTJLma5822e5lhkiMTSMWILEpu+5wfmxnFS2yaK1rqOyS0MEklzsDtEjRYX93tDIZGyemGAGOecglgOPeN0VGdGVZF3ISMBhkjI9RkEfgaZXVfbFu7bQXu2042cZRLtRHCsiYncn5QA+3aQeODk55JqS9u7GHUobu/v7ua4ET+UPNivBA275W+VlUDGSEB4IHUcUWA5GitXxNJbzeJr6WznM8ckzNvwMEk9iCcj371lUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCWe4nupjLdTSTSEAF5GLHAGByaioooAKnkvbqW6W5luZnnTG2VpCWXHTB68VBRQApJJJJyT1JpKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/2Q==)

Figure 5. 47: Correlation

### 5.4.2. Relief

Orange is used to select important features using Relief. Relief algorithm which uses the nearest neighbor concept to identify the type of variable which mostly interacts to the target variables rather than select through combination of features (Urbanowicz et al., 2017). Below provided the list of selected feature name which has a value of greater than 0.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3NAAAkpIAAgAAAAM3NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 48: Relief

### 5.4.3 Random Forest

Random Forest feature selection is used to identify the best subset for training the algorithm. Below provided the picture of selected feature.

A screenshot of a social media post

Description generated with very high confidence

Figure 5. 49: Random Forest

### 5.4.4 XGBoost Feature Selection

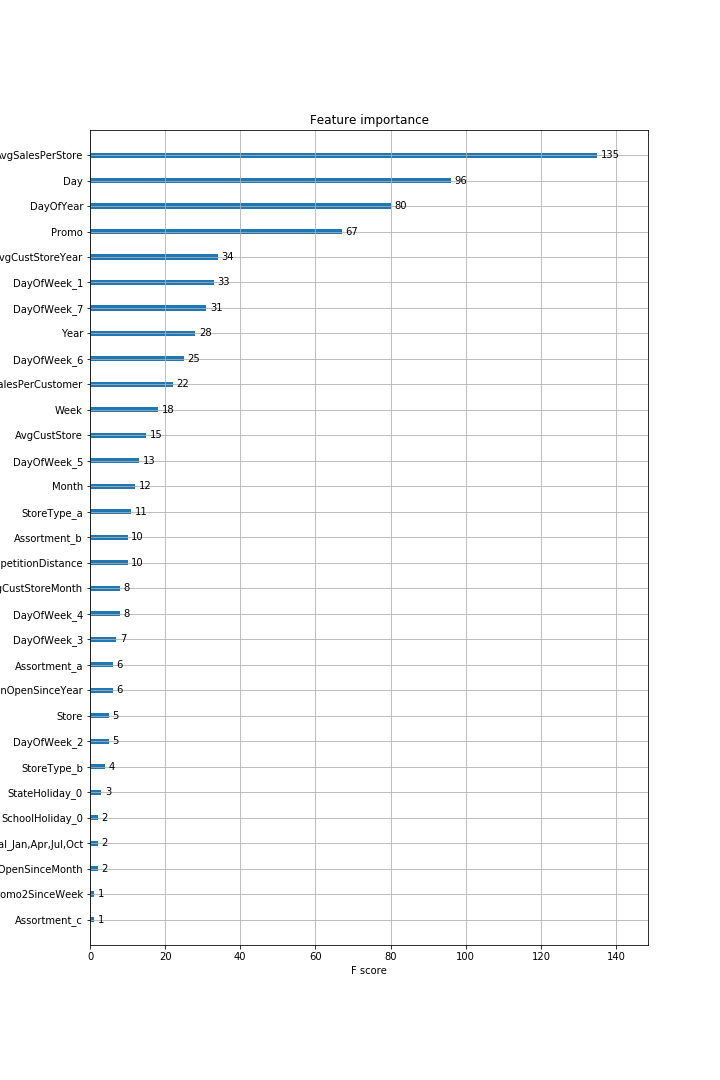
Below provided the picture of XGBoost selected feature.

Figure 5. 50: XGB

## 5.5 Modelling

In this section, a detail description will be done on the three-model development which is Linear Regression, Random Forest and XGBoost algorithm with the four types of feature selection that is Correlation analysis, Relief, Random Forest and XGBoost. All the model is developed by using the Python language and Jupyter Notebook.

### 5.5.1 Linear Regression

Linear Regression is the first algorithm that uses to develop the model of Rossmann Dataset. At first, the model will be trained by using the feature that selected by correlation analysis without analytical features and then the model will again train by correlation analysis with the selected feature which includes analytical features to identify how it affects the result of RMSPE. Then the other three types of feature selection will be used. Moreover, based on the linear regression equation.

Y=mx + C

Where Y represents the target, m is the coefficient of the independent variables and C is the intercept. According to the equation, intercept and coefficient of independent variables will be calculated on each modeling for getting a further knowledge about how the algorithm is working.

#### 5.5.1.1 Correlation Analysis without analytical features

The selected feature of the correlation analysis is provided below,

![A picture containing screenshot

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMzOQAAkpIAAgAAAAMzOQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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REUy7WUfdB+fPHXgj3zT18SSJfXFythZbp5VnKFXKrKpYhxluvzHg5HPSjQBx8NTzQ39xaPuhs5JFYNHJnCcnLhNmcc43A+3Sqd1pE1pDNLLLEUjMe1l3fvfMXcu3j05OcVaHiW5+zyRtbWrM4mUSlW3IsudwHzY78Egn3xxTbzULa8WxsnnuBZ2sZUzeSDIxPOdm/HHyr97oM+1GgEOj6U2qTSjMwjhTe3kQ+a7EkAKq5GSSfUcZqS70y302/1C0vpyzwxBrZo+krEqVz142Enr1HX1WG/tdKZzpkst4lxG0U8V1B5SspIOMpIT1HqPxzVG9u5L+8kuZgoZyPlQYVQBgAD0AAH4UAV6fHsMqeaSE3DcR1x3q5JdWn9gw2kcO6689pZJ2jAKjGAgOSWHGecYP51QpAbVno1rqN9fi0nuHt7dz5KQwCaaVCxAYJlcgDkntkcejRpFm3hxtRXUI1kE7RrG6uCQASBgKQGPX72MHrVKwvUsZfMayt7pgQyGZpBsI9NjL+uelTNrM0tvdw3UMNwLqYzlnDAxyEHLLtI9ehyOBxT0Asf8IzdeZHEtxbNMZYopYgzboGk+7u+XB99pOKWDw1cXV4tvZ3VtcnYzyGDfJ5W0gEFQu48kD5QQc5zjJpD4muvNjlW3tkmWWKWWUK2Z2j+7u+bH12gZqlZ6i9nPM5hinSdCksMoO11JB7EEYIB4PajQDQj0CCGbULfVLqe3nsV8x1ithIGTKgEbnUgneDggcdeeKq/2NMYxKs0fktAJ1kO4AgvsC9PvbuMdODzioV1AxNd/Z4IoUuovKaNdxCLuVvlySeqjqT3qzJqaLo9pYQtI6Ry+dKzoFwePkXBOQDuOTjJboMcmgFh/Cd6L1LWCa3uXMrwyeQXbymRdzAjbk8f3Qc4x14rP1XSrjR737NdgbigdSFZdwPfDAMO/UDpWje+Jmk1WSeytIYrZp5pDEwY+d5gKnfljyV4wCAOcYqkraXdO0lz5mn9AsVpbmVfrl5QQfzo0Asw6ALrRra6t7iNbiUTHyZGOZBGMnZgccA/eIzxis+VLNbK1eJ5HuGL/aE6BQCNuDjuM+tXhrn2S1FpZRRypEJFhupY2SVBIMNwHKg9R3xWQuNw3EgZ5IGaANHWbO2tJrY2QlWKe2SbbK4dlLZ4yAM9PSs2t86ppn9t6fOyTT2lnAkbJNbqTMVzwV3EAHPXJx6GsORg8rMqhAzEhR0HtQAyiiikAUUUUAFFFFABRRRQAUUUUAFFFFABU1taXN7N5Nnby3EpGdkSFmx9BUNaWl3dpDBeW1/5yxXKKN8ChmG1w2MEjg469uDg0ATTeFtWiju3W1kmS0n8l2ijdgx+bLDjkDbye2R61nCyui7ILaYsqqzL5ZyA2NpPsdy49cj1rXu9VsL+TVxMbmFLy6W5hKRq5G0SDaw3DGfM6gnp0qx9uSCLR4JJYvPLxfaXSVWAjRyYwSDjoxyO21c809AMR9K1COeKGSwullmGYozCwaQf7Ixz+FQTwTW0zQ3MTwyocMkilWX6g11Euv2Npq0qRPNcws90z3EkKOQ0uBlULFWA2DqRncelU11+2S9nkuITfKyosbm2todqquMbDHIB6cEdPyNAMhLN302W9DoI4pUiKkncSwYjt0+Q1Pb6Jfz3FrG9vJbrd8wyzoyo4xnIOORj09apSuJJndV2hmJA4459gB+QFdQviWwi1UXkZvT594LuZWVf3JCsAqfN83Lnk7eFXigDEi0PU5L4Wf2C6SbAZkNu5ZFJxuKgE4/Cov7MvGNz5NtNMlqSJpI4mKpjPJyPl6HritVJIr+902KymX7Pp4G6a8kjhZsyFycFu2egJPfvVhfEVuiXSxSvBJ9smnhlWyim3B8Dq5BQ/KOR6+1AGDHpl/NbLcRWVxJCzhFlWJipYnAAOMZzxirV54f1DT9TgsryFomndUjkdWVGJx0JHONwz6UX93Z31jatvnjureBYPK8oGMgE/MG3ZGc5xt655put3lrqF2t3bNMJJEUSxyRgBCFUfKwY7hweoFAES6ZM1xeQI8bS2gcsmTlwv3ivHOACexwDVKtPQpUtL5r2aRVS2jdtpbDSMVIVQO+SRn0GazKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBzlFFFYmoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

Figure 5. 51: Selected Feature of Correlation Analysis

During the time of training, sales feature from train dataset will be removed and assigned to the target variables. The training data is divided into 80% train and 20% test data with a random state of 42 and then 5k fold cross validation score is applied on the dataset. The mean score of R2 is 0.187 and then the value of intercept is calculated which is 0.46. After that, the coefficient of the independent variables is calculated which is shown below in Figure 5.52. During the time of calculation, the value is reshaping between -1 and 1. RMSPE is calculated for log sales. Furthermore, the predicted value is again converted to actual value from logarithm and then RMSPE score is 0.427.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3NAAAkpIAAgAAAAM3NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 52: Result of Coefficient

#### 5.5.1.2 Correlation Analysis with analytical features

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM3MgAAkpIAAgAAAAM3MgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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YrGxnjlt5WvOFjW4j3Al9oAG7J9+OOh6UagRf8ACQakJllEyCVY/L8wQIGZePvHGWPyjk5P5ml/4SHUizmSWKUOAGWW3jkU4JI+VlIyNzc9eTU9v4d+0a7HpiajavIWKyMhZfLIOCMSBMn2GarRaFfzzSRwrA5jZVLC6i2Fm+6obdtZjg8Ak8GjUCJdVvFjEaygIsTxBQi8I5JYdO5NPXU/Ohgt9TRri2gGEEeyOUDnA8woxwMng5FOXQtRazNz5AWMK7fPIqsQmd+FJ3HGOcDiorrSruzt1muI1VCQCBKrMhIyAyg5UkA8EDofSjUCddUismY6PBJCJU2TLdtHcq4yCODGAMEZ71RuLiW7uZJ7hzJLIxZ2PUk1JqFtFZ6hLBb3K3UaHCzIOH4+p/nVagDQn1PzdDttNjiKpDK0zO7BiWYAccDAwOnPPes+iikAUUUUAFFFFABRRRQAVe03U20z7Q8MaNNNF5StIquqgkFsqwIOQMfiao1fk0e6TVhp0flyzlVYbXwuCgfq2MYB5J9KANFPEsX2u5up7OSSS5RRLCJlEEjBcbmj2HPPzcEEZOCKqw6ykGkLapBLJMrBo5JpVdISHDZjXZlCcYPzYPcHjFA2V0sgjNvKXMphACE5cYyo9TyOPcVIul6g9m12ljctbLndMIWKDHXLYxT1A1f+Elhju/OtbBow88lxMrz7tzspXCnaMKNx4OT71m6Xfx2E03nwNPDPC0MipJsbBxyDg4OQOxpbjRr62KLLEvmOM+SkqPIvG75kBLLx1yBiooNNvrmVYrayuJpGTzFSOJmJTON2AOnvRqBs2HipNPs47aKxZkjyFLTc43Owz8v+3j8KSXxXJNLZTSC9ZreSGRoTe5gby8dI9vyk4znJwSeKz00DUpNIfUktJmt0cqxETHAAJLdMbRggnPBpj6LfxiHMKtJMVCQRyo8pyMj92CWHHqPSjUC1b6/5EtgxttwtGlLDzMeYJDyOnHB681XWzsbotJHqEFihOFhujLI4HqWSLB/SlvPD+p2WqfYJLKd5yzCMRxMfNx1KcZYe9QxaTqM8skUNhdSSRMVkRIWJQjsRjg0ATXl7bT2MVvLE0lzap5MVzFLiNkDkglCmT1I6jtkdc07VY3u4lndEj3Dc0m7bj32gn8hT0069ktluUtJjbswQTeWdhbOMbunWppdE1GFmV7R9y3H2UqpDMZMZ2gDk8dxwaAI9TazfVLltMRo7MyHyVYkkLnjrzVSri6RqT3T2yafdNcR43xCBi65GRkYyOOamj8P6nLpUmoR2czQxyFGxExIwDlumMDBBPY0ASyeIbqW+sJZHma2svIKWpmJTMaquQOgztJ6d+9QWmpRQ3V41zbtNBeIySRpJsYAuHGGwcEMo7GmXuk3lhFHNPC/kSojJOEOw70DhdxGMgHkeoNR39lJp92beVkdgiPlCSMMoYdfYijUDct/Fwt94WwGzd+7XzvuoFjVQTjkgRjJ756CoLzxHHdrNJ9iZbuSBrfzPOygjLE/d2/ewcZzjvisGrP2GT+yzf7k8oTCHbk7s7c5+nFF2BqHXrRLqxntbCZGs4WgxJchg6kN6IMHLmoodcVJYPNtS8SWTWcirLtZlJY7gcHB+b0PSqU2l3sCwtJbtieIzR7cNlAMk8dMDnnoOelNt9OvbuREtbO4md0MiLHEzFlBwWGByMgjPqKNQNOLxEYdHbT4vt0MatJ5PkXuwYboJAFw+PbbnJrPvb9ru4hmRTE0MMUQIbJyiBd2e3TNSDRL/AMmSSWFbdY2KN9plSE7gMkAOQSQCOBnqPWqjWtwiszQSKqBWYlDhQwypP1HI9aNQNoeJlGs/bVtHiQQvGqwz7XjLkszo+07TuZu3Q496c3iO1n1O+vLuwuJGu4BAQt2BtXYqkklCSTtzn+dUrXw5q11qSWH2G4hndDJtmhdcKP4jxnGeM+pqNND1BjKJIBbGFgr/AGqRYMEjIHzkZOOcUagLHZW4iWdNYs45AN4iKzF1PXGRHtz+OKt654jbWYSnkyR75RLJvm3gEAgBBgBVG5jjk5PWqjaFqS6RHqRs5jbOWG8RN8oAU7icYCndwc84PpUEmmX8JiEtjcxmYFog0LDzABkleOePSjUCXR/sA1Dfq2GtUjdmjywaQ7SFCle+SDzgccmqFXf7H1P7Z9k/s67+07d/k+Q2/b67cZx70RaTezNAqQjM7OqZdRgpy4bJ+XA5OccYPSgCKxuEtb+C4li85IpFcx7sbsHOM4Nah8Sy3DW7X8CTNG0ocxBYfMjkXDKQq4z1O71J61mHT7xbaK4a0nEEzbY5TEdrn0Bxgng/lT30jUorlbeTT7pJ2XcsTQMGIzjIGM4zRqB0Wja3ZN9ul1C6FtJcXYmAwS0a4PKExSAEZwMBDwPm9MmPV7e10q5sbaG6cTgqfPuAYs5HziILw+AOdxxVWLSbp57qGVDby2sLTSRzqVYAY4xjryKSPTml0ma/S4hIhZVkh+beu44B+7txx60agauqeJ4tWto7a4tLjyVmEpT7Xnb8pXYmUwi9wMH8eyjxSiapfXNtBd26XyjzBDebJFYNnKuE4HbBB+tc5RRdgbMWuRpDepNFdXRuWcgXFyHQZGAzKUyXH98FT9BkFk/iK9knsXSSQRWIhMUDyFow8agbtvQZxn8ayaKLgb134k+0XUkoW+kDwTRBLu987Z5gxlflGAPTvgc1V0XVIdJnM7RXTy5A/c3IiR1yCVcbDuUkDIyKy6KLgaR1KCXSZLS4tG3ee88TwyhFQsACCpU5HyjoRV8+J4kvvtcGnlJJbn7Vc7p8iR9rD5fl+UZdzjnqOeK56ii4GroutPpH2lR9oCXCBWa2uPJkUg5BDYPuCMd6oXU5ubuWZmlYyOWzNJvf8WwMn3wKhopAaFz/AGeui2iw4a/Lu0zoWwE42qQQBnOenGO57Z9FFAGrpevS6RbBLSGIyG4WZpJY1fIX7oAYHBBJORzzRNrSvpc9nDa+WJJWKN5mfLiLBvLxjn5lU5+vHPGVRTA7PVtfsEnhu7K4F08c+fIUFUkQqVYv+7QhsYAO5zyee5wrfUtOtmuI47C4a1uYRHJG92C+Q4cEMIwAPlAxj15rJoouBvnxJG9xqE0lnI/2xmbyDODApIwCUKEkg8ggg1SfULWfS7S1ubWVpLUkLJHOFDIW3EFSp55ODn8DWbRRcDek8SL9u02eK3mf7CxIa6uPNkdTj5N4UYUYOBjgsfWorbV7G3jaA2E8lqJ0uIka6AZXUEEFgnKnPQAHjrWNRRcDQ1HVX1KGBZYwrxNIzMDwxdyx47das614gk1mFBK14H3BnR7svCCFxlI9vy/mcZIrGooAv6N9gGpI+r4a0RWZ48sDJxwqle+fXA45NUKKKQBRRRQAUUUUAFFFFABRRRQAVoaVfQae1zLNbrcSPCYo0kB2fMQGJIYEfLuHHrVRLaV7WS5VMxRMqO2RwWzjj/gJ/Ki5t5bS6ltrhdk0LmORcg4YHBGR70Ab58RWpubudYpY2lIuIVRRiO48sqx5J+XLbs9flFXWnt08KQSR3dqtxHbIGyVdpNsu8R4EmRzg/wCr7feI5rjqKdwOgGp6VH4g/tOJrwiZ5GmhaJf3e9WB2tu+bBbuFzUqazpn2qJHe5NklqlvJG9qj+ftYk5HmDZ1yCDkevrzaqWYKvJJwKkuraWzu5ba5XZNC5R1yDhgcEZHFFwNBL2yk0e6s5BNb5uPtEARRIPukBGJII6j5ufpUl9qNnPo4gaSa8ugU2TT26RtEozkbwzM46ABugHGOlZklrNFaw3DpiKYsI2yPm29ePxpvkt9n87KbN+zHmLuzjP3c5x74xQBuz6rpk2rahcCS8SLUomWUiFd0LF1f5fn+cZXBzt4JqO/15JrSaKza5jY3ELxuzYJWKPYGYg8MSAfb1rCqaO1mmt5p40zHAAZGyPlycD9aLgdAniSH7FaK0kkckSJFNGtnE/mqsm4nzSQ4yOceo6806PxXHK8q3iSLGzbEaFfmVDHKhbk/fHmL7HHaue+yT/Yftmz9x5nlb9w+9jOMdelJc2s1nIEuE2FlDryCGUjIII4IouwNqTXbWOwks7Y3LIIYYo5JAAzhJDISwBOOWwBk9BUd1qljfRapHKbiIXF6buBljV8/fwrDcMfeHIz34rDoouBt3etxXFhcwATEyQWkUe7GF8pArd+ATkj69qo6TawXmqwQ3sgitmcec/mKhVO5BbjOO3U1SooAkmEazyCBi0YYhGYYJGeDTY9nmL5pYJkbioyQO+KbRSA6WfxPbS3Ec0ditu1veCWLys/PEV2srbmODtVBxx16Vb0e+srm5vVLxi1SGGK3jumRCwQg5wZIxnIJOH/AIuh7cfRTuB0Gq3dhdK9td3k0k1tPMY7i3gVkuA7bskFht5z03D8uXya1YGwIha7S6lS1V28tdsXkqFyvzZbOM849PeucoouB0Lazp0ev2d9DDI2zP2qURLEZScgsIwxUEA9iAT2HWotNvtOsZZElurqezMisbeSyjZZgBznMh2N1G5ckA9e1YdFFwNUXtk+jpA4ljmguZJ4kEYeNw4QbWJYEY2dcHOa1h4lsYNS+025vXEt413J5iqDESjAKuGOeW+9x0HFcpRRcDa0bWUs7e5trxn8uWNVjc26XHl7XLY2SEDBLMevB5pP7cb7Jq8TzSyPfyB1k2KmfmJYkA/KSOoH0rGoouB0dzr9rcWluh3hdsCXFqLOJRIIwB/rgd5+7wCOM4qxd+JbApstEmXEFzEGW2jgA8zG35UOMDBBPJP6DlKKLgPklklYGV2cqoUFjnAAwB9AOK1bQCLwtqLPLCDNJEI085d7bSc/JndjnriseikBoanaWlpDZC2mMk8kO65USK6o+TgArx0wcdRnn0GfRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1V/rkS6Oy6fqsofzLdra2j8xfswWNg2DwAcn+Hr1zU8ly2seJL0/2jJfabdRy+YxEhFnGTuXduAC7WC9MjjiuOop3A7XT9Z/4l0moy3n2SEaiC0QDFpYljAEIwMEbQBhiBwM9Koza1bnwtFZ28lqFECpLbyef5hffksoB8rPQ5ODjIrmKKLga2rXGkTQxjS4PKcN8x8h0yMf7U0n8h9an0TUvLW9Z9VbT72eSN/trB2ZlBYupKgtkkq3odvNYVFAHYjXrH7C5hvBBAXu2fT/AC2BlEmfLU4G3Aznk8duaiiurmz0fTv+EiW5eKPUI5I4brccwqvO0N/DyOnFcnRRcDrp9cil1ZZJb61LrbSxQXsAuGaJj90sZMv6425xu4qtp+s3EC6nav4gkjkuAjx3nmTbGYEZOQu/JXjO3tiuaoouA/zZPJ8nzG8rdu2bjtzjGcetaWrDydP0y1lGLmGFjID1RWcsqn3wd2P9v61lUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD//Z)After adding the analytical feature to the dataset, a new correlation analysis is applied to the dataset and top 10 features highest correlation feature is selected.

Figure 5. 53: Selected Feature of Correlation Analysis with Analytical Features

In the training dataset, all the selected feature is used to train the model and sales is assigned to the target variables. Again train\_test\_split is done, where the training data is divided with 80% and 20%. 80% data is used for training the model and 20% for testing the model. Beside that the value of R2 is calculated by using 5K fold cross-validation and the score is 0.71 which is more than three times higher than the score of correlation analysis without analytical features and the intercept of the equation is calculated which is 7.68. After that, the coefficient of the independent variables is calculated which is shown below. In figure 5.54, the result of coefficient shows that instead of AvgCustStore all the variable has positive coefficient. Finally, 0.246 is the value of RMSPE calculated. This gives a strong evidence that analytical feature has increased the accuracy and decreasing the error of the model. According to this, all the feature selection is applied to the training dataset after adding the analytical feature.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1NQAAkpIAAgAAAAM1NQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 54: Result of Coefficient

#### 5.5.1.3 Relief Feature Selection

There are total 22 variable is selected from the ranking assigned by relief to train the model which is provided in Figure 5.53. The model is trained by using 80% train dataset and then test it by 20% test data by using train\_test\_split with 42 random states and then 5k fold cross-validation is used to get the score of the model.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwMwAAkpIAAgAAAAMwMwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 55: Selected Feature by Relief

The score of R2 from the k fold cross validation shows 0.70 and the intercept of the equation is showing negative value which is -42 that can be the reason that the relation between the variable is not linear. After that, the coefficient value is provided below in Figure 5.56 and during the time of calculation, the value is reshaping between -1 and 1. The score of R2 from the k fold cross validation shows 0.70 and the RMSPE value is 0.254 which shows that feature selected by correlation analysis with the analytical feature is performing better than relief feature selection.

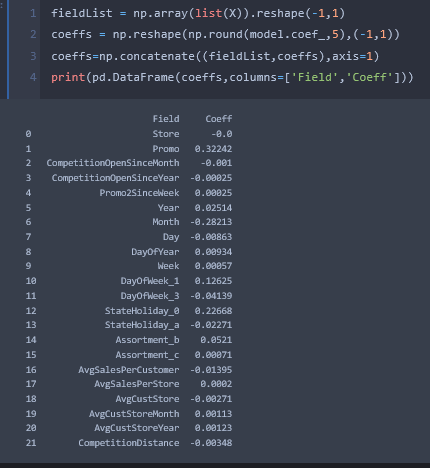


Figure 5. 56: Result of Coefficient

#### 5.5.1.4 Random Forest Feature Selection

![A close up of a person

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4MgAAkpIAAgAAAAM4MgAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Forest algorithm it uses to select the best feature of the training dataset and then linear regression is applied to the top 40 selected features which are shown in Figure 5.57.

Figure 5. 57: Selected Feature by Random Forest

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMwOQAAkpIAAgAAAAMwOQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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GBx1AUHOe+O3ONTAKKKKQBRRRQAUUVq2WkfbLKGRBIXnn8oOPuQ8r97jqd3A47dc0AUbN4Yr6GS6QvCjhnQDO4A9Px6VsDUdJu74vPalWmmjZncDABKeaTj/dOMD+M9KcvhR3VSLoKzSRIEeIhh5hUDIzwRu5HPSoJfDzQ2txcyT4igZA3yfNyFOCCeGw/T1BGR3eoFq61HToblI0z5KzJJLFDEm2ZdqZViCBkFWPGRlqoSXemraTJbxP5v7sxO0KclQobdknAJDHA9ec9A680dLUXrYuiltdJCXaLGFIOTjPJ4GOR1Hrw+bQSstzFCJ8xXiW6yTJsUBs8t174/Ag96AHzaxaut9s8wefJ5kSrAqAHjAbDYYdeCDnrxmiTU9KlmuJJLZpDLKzAeQi/KcbRw3y4Oemd3eprfwp5s0Ie6KrLKqbWiKuASM5B+6cHI/D1qtNogW1kljjuVYCM7JE/1W4kENgcnoRwOCOO1GoCJqmniO6drIR3BP+jtEgCrjOM5PBHHTrjnPOZZtU0q4W58yzddyhYAiLhOCW78fMSRj6dOKhuNC+zfa0LTvNA0YULECGVgTuOG+UcfqM9cCa68Ly2iv5lwFbHyq64JwrMckEgcIe57e+DUCG/1DTW84afZ/wCsVV3TRKCOHyRtOAeU6f3ee+cetqTw5LHFeuZCv2T72+Pbk4PI5zg7eD39uaxaANXTNRtLPTb2GeFmmnUqjgZH3GGDyOhIPfp0yAQ/S9RsdPhvEkjknMyKEYoB/CwZT83TLDnn7oOM9HWmhJNY3k8tzGxgj3AQvu/gZucD/Zx269egLdL0P7ZDePdM9u1uisFYYPzKzBjx935R6feBz6moFy91zTblrgRQSxJJbNEg8lSQS+4DJbgAccfkMCoJNWtC8m17iRTaNAN8QBZiG5OHxwW44OAAB0Bqe98MR2zXCxyzStDbNL8qZBIfGSfQjkde/Jxyw+HIl83fJPGFtVnBlTbjKMTng9wBjPfrxT1Ec9RRRUjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigB8MrwTpNCxSSNgysOxByDTKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/9k=)Train dataset is divided by the ratio of 80 and 20. 80 percent of data is used to train the model and the rest 20 percent is used to test the model. Random state 42 is applied during the time of train\_test\_split. The score of R2 is 0.72 and the intercept is -44. The value of the intercept is more comparable to the relief selection model. Then the coefficient of the selected feature is calculated which is provided in figure 5.58. Finally, the RMSPE score of the model is 0.235.

Figure 5. 58: Result of Coefficient

#### 5.5.1.5 XGBoost Feature Selection

Finally, XGBoost feature selection is used to rank the most important feature in the training dataset. Total 31 important variables is identified by using the XGBoost, then linear regression algorithm is used to train the model. The same ratio of train\_test\_split is used like before and then the score of R2 is calculated using 5k fold cross validation which is 0.718 and the score of the intercept shows -44 which is similar like random forest feature selection.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM1MwAAkpIAAgAAAAM1MwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Pk17UJZ0neSLzlBHmrbxq7ZXadzBctwT1zRoBZi0S2vSv8AZd+84MsSOJIPLKByQWPzEcEDODj5hz1w7/hHkfRpr6G6YtGjSrHIka+ZGH2bgPML/wDjuOCM1l2l9c2DSm0l8szRmJyADlT1HPToOetWE1zUE0/7Esy+Rs8sgxIWKZ3bS2M4yc4zijQCTXIbeJ7KS1t0txPaJK6IzEbiSDjcSe3rRoNpZX9+LS9juC0udkkUyqEwpPIKnPT1FEmsi/ZBrMPnxxJtiFqsVsV9siM5HXj3pn9q/ZC66OkltFImGE7JM4PIJVtgK5Bxxz7+gBdtfDQutLjuftLRSNsYxusf3GlEe4ASbyMsDkqB79M1dY0mHTY43t7trlWllhYtFsw8ZGccnIO4YPB9hTY/EGpRWaWqXAESBQP3SFsK+9QWxkgMMgE8dOlPsddnttRt7q53Ti2na4RFZU/eNgkk7TwdoyPyxRoBPofh99XsbudYLmQp8kRhXKh9jN83HT5QO3LDmpI/DUMq26R37GeRLeR0MHyokrKvDbuSCw4wOO/ass6pd+dFKkgjaGdriLYgGxyQSf8Ax0dfSrl34kvJ/swg2W4t1i+5GgLNGOCSFBIzyFOQKNAKmo2lpaOqWl61ywZllDQmPaQcccnIPY8HjkCptKtrK8juYriOfz0glmjkSVQo2IWAKlSTyPUUzSdVOmazHqTxtNLGxdQHCgt78HI9QMfUVHFqd1BazW8Lokc2d+Il3c4yA2MqDgAgEA0AW59HFklxO0izC1+zMY2QgSeam/BIORjpx19qi1+2gtNcnhtYhFEAhVASQuUBPJJPU+tDa/qL2yQSTRvEhQ7WgjO7YMLuyvzYHHzZ44qe28SXKawup3SRzXMcbLGUjSIZK7QWCr8wAOMcHpyKNAJLHSLKe3s4pjP9qvopZI3VgI4wu4AEEZbJQ5wRgEdaSPSbC31ays766naaR4/PjS3BVAwB2ht4JPIB4GMkgnHNGHWL63svskUwEXzBcxqWQMMMFYjcoI6gEZyfWmzard3EcSSuhMO3ZKIkWQbRhcyAbjgY6nsPSjQC1dJpVl4gnjCzXFonmrsZNhV8MFAw5yA205yM4PFZNWb6+n1G5NxdeWZG6mOFI885yQoAJ569anj1PydBn02OI/6RKskjswI+XOAoxweeTk/hQBQUgMCwyM8jPWug0rRbfX9WvzZW10tkr4hSIbmj3vhN3XgDJPPY81z1TLdzJa/Z0fbH5glwAAdwGAc9eMn86AL7aIY7Q3MkzIi27SPmPlZBJs8vr1yQc+h6cVp3Hhix024iTUb24UtLJEEkhEAkKgYKuS3yMxADlcdScYrFk1i9mjkjmlDxyXH2mRNoUNIep4wRn0GK0tT8TR3cgks9Nt4JfMaR5JoYZSc9v9WoI6nLbj79cmgD7XwwL7UZYW86wjLRpCZJIpVYuOP3m5AwOMjYGOO3HNaOwjutBtxHbxx3hvvs3m7m+fIyN3JHBPYDgVHF4m1aGYyxXKhiVKjyUIjKjC7BtwmAcfLiof7bvvsH2MNCId+8bbeMMG/vb9u7PvnNGgGjP4atodRgtv7WiYSGRXIaIsrKMgACQj5jwNxU5B46ZmsvD1gbeaTUDcxCO7EDNPLHatEm3JYxtuLEf3VOTWRLrd5NdLcSraPKN2SbKH5iepYbcMfc5NRXWqXl7G6XM29Xl80jaB82NoxgcDHGBxRoBrDwxH9ltXfUYknuDEfJJjztkIAwN+8kBgSCoHXn1jGkaZFJcu17NdR2UbNPEkQiYsHVBtYlhtJfOcZwDxyKojWr0QwRb4j9nK+U7QRmRNpyBvK7sA9s47dKit9SurW8kuoZAJZAwk3IrK4bqCpGCPYijQDQtdGh1JreS1kkt4rieSFUkxIybI1bJYbc53egxUc2k21vp9pdyXU7xTECWSG3V0iJBO3d5n3x/dIXuenVsHiHUrbf9nlii3uXwltGApK7SVG35cgYOMZ71Wl1O5lsVsyYkgG0kRwIhfAwNzKAW6nqTRoBr6joumpq2q+RdXENnYyssg+zhmUmQqqLmT5h/tEjp0q4ngZDGS+p4fJ2KtvkMMkKc7hjPB9ufTnEbxDqL3Dzu8DPIu2TdaxES8g5cbcMcgHJyacvibV1OReEncWyUUnJYt3HqTT0DU0T4RRZra3bU4VuJZESSPKEpuXOQA5Y475VevGazFTSbW/iYzSX9qY33qYjEyvhgvG7kZ2nIPTqO1N/t2/3wP5kXm25UpL9nj8z5RgZfbubjsSe3pWdS0AKK0IdT8jQrnT44jm6lR5HZ8gBM4AXHByTk5/Cs+kAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFmCS0WxukniZ7hgvkODwnPzZ57j61uP4U2WemvJ9ot2uXSOWWWL93ukXdHt6cdjycH8q5qrj6peyPcs853XTK0pCgZKnII44x7Ypgamn+F2vSivLOJPIEzwwW3myKGfavy7hnj5ieMAjrSTaPYR2N0bOSXUZ4HkDtHMkXlqpwG8shi69WJU4A64xmmWXiRkubyfU4Ptkl2EDEeWMbenysjJ6fw5GOD1qvPrs7Nci0htrSGcv8AJFbxhlVs5UPt3YwcYzjHGAOKNALN5oiaXYQagxFx+8RZbWcKpBZSwBEchYdD12n9cWH8O21xrmqoLhLGytLjylJdOCxbaP3jqCMK38RPHQ9s2XxDqU6Ik8sUio6vte3jIZgpUM2V+Y4OMnPb0FK3iHUXupp3eBnuABKGtYismDkErt2k5J5xn3o0Ae2iImkz3S3JuJIZGRktUEiKAcbmbcCoPODtIPHPPGrf+F7BdQ+xWdwYZUlkD+ZdRS5iRSxc42hDxja5HXqACawF1W6S0lt4zDGkuQ5S3jVyCckbwu7HtnHbpTRql4uqNqIl/wBKZi7PsGCT1yMYwcnjGKNANSTw/YwG4kn1YfZoTEN8MaysfM3cEK5UEbOQGPHvxTH0uwOl+daPLeMnM80UyjyRvwT5DKHI2kfNuAyeowRWdPqVzcRyxuYkSYozpFAkakrnacKAB94/nThq12ti1pGYY4mXYxjt41dlznBcLuI47mjQDWvtF0xtUeKzup4oobVLifdbg7V8tTlfnO4kt0OAM9cCmN4esoLf7Vd6o8Vq7RCNxa7mIdSwLLu4xg5wT7ZqgNd1APE/mRF4o/LDG3jJdNu3a52/OMADDZqK61W8vI3juJQyO6uVCKoBVdq4AHAA4wOKNAL9z4eS10UXkl/D5zRLMsG5BuVmwMZffnBz9zGM81m3slrI8P2KJolWFFkDHO6QD5m6ngn/APVT5NUupbBLOUxPEi7ULQIXUZzgPjcBntml0m/XTNVgvTG0hgcOiq4XLDpk4PHqP1FAFKrsaQ3VtaWlrA32552Vnzw4baEA59d3buPwrTStPPJK4AaRixCjAyTmnW1zLZ3KXFu2yWM5VtoOD680gNzVvDP2O6lSEXMQFu00UdzHhpNj7WHbsN446fnTofCsTLcvLez+VbySxvLFa70Ro0DNvJcbck7V65I7Vj2urXtl5H2ebb9nZ3jyittLABuo5BA6HitGw8Qw2umG2utPS8k3yOHlKMpLADkMjN1GflZc/XmnoAr6PZf2ra6Ov2gXkjRrJcmRTGCwBOE25IGcZ3c4ziorLQo7mK1eW7ZPtELyrGkas7MsmwIgLLuY9cZz2AJqv/b2oYt/3se+3KmKXyE8xdv3RvxuIHoTSvr9/LIjym2k8tPLRHs4mRFznAUrgc+go0Attp2mx+G555pLpLyO7MIDW4GCFbCkb+M4GTgkHjBqcaPpv2mwMQnms5Jo0lu45kkDEj7piAVo8nI+ZugJGayBq975d0jyrIt25kmEsSvlznLDcDtbk8jBpZtYvJoFi3RRIrq+LeBIcsucElAMkZOM9MmjQC/caTpgvb6QXs8NlbTCEn7MGcOxbChd/KgIx3E546U270G2063JvtQKTlp0REgLKWiJGC2QRuIABwevOBzUC+ItRW7kuFeASS48wfZYtrEHIYrtxuyT82M+9U7i+ubqKOO4laRYyzLu5OWOWJPU5PrRoBpazoMejIha9huJkl8qeBXTKsOuNrscZBGWCnpxzxm3z20moXD2MbRWrSsYUY8qmflB5POMdzUl7ql1qCqLsxOy4/eCBFduMfMwAZvxJqTStT/ss3TrEZJJrd4FJYbVDDBJGDu46cjn16UAZ9a9lZW2r6nYWllbzL+6/wBJCZZnZdzMV6/wgY469qyKmguZbYS+S+3zYzG/AOVPUe3SkBtz+GCuoPAkksQFxGpSaPDRxSKWDt06AEEYHI98U628Kx3GmxXRu5kE4Xym+zDy2LS+WF37/vdyADgA9ayk1i/jjKJcEK1v9mI2g5jyTt6e556446VfbxDCdGjtBp6+fHCIkuGZCUIbO4HZvB9t+B6Y4p6ARyadYXFzeQWAuYjZxSyNJO6v5uwgDChRsz9WqRPDqFrlDdSySQxRSLDBAHkcPGHJ2lwdozgkZ9SAKqt4g1BroXBeDzcMHYWsQ8zcPm3/AC/Pn/azzz1o/wCEg1H7TLcGWJp5QAZmt4y4wu0bWK5XgdsetGgFyfT9GTS9JlNzcRPcE+c5gyMB8MfvnG0Zxgc47VZt9F0w63FDPFcR2skUrRus6XKzFVY5DLsxjGccnOAcZrEj1W6js47XMTwxPvRZYEcqcg4BYE4JHI6HuOae2uX5uoLhZY43twREsUKIi56/IoC8554570aAW7bQ7W6SIpfSobuVorQPbj5yoHL4c7BlgON3rTl8P28k1paRajm9ulhdYmgwgEgBPz56qDnpyO+eKqR69qESSJFJFGsjFsJbxrsJUKSmF+QkAD5cVWN/dG7hufNImgCCJwACuwAL+WBRoB0EfhO1lSUQaiszlF8oq0Z2Nk5DhGcY2qcYb8KZeeF7WK6WKG8lRrlWe0R4w+QqBvnbIxk5AwprHudXu7qKSOQwqkhUusNtHFuIzgnao9TUh8QakYDEbhSu0oCYkLICoQhWxlcqADgjPejQNTSHh2yguIvOv5JQksCXCLb4x5qllCnfz0wemM8Zp50jR2n1hBPOkVtKiJIYctGTIVKqu/DDGOSR34z1xJNVvZfM3zn940bMQoBJjGEOQOMA9qfca1fXLTNLJGDPt83y4ETeVYsCdoGTk9ep70aALcw21h/aNjcIZbuKcRxTLkKApYPxnvx2NZ9S3E8l1cy3E7b5ZXLu2AMsTknirepan9utrG3SIxxWcRjTewZjlixJIA4yeBjgetAGfRRRSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKALMCWjWN01xI63Chfs6jo3PzZ49PcVoDw7JJDY+Vcxma6YI0bjaImZd0YzzncOnA/rWNWxceJ9TuklSWbMbOjxxlmK25Q/L5YJ+X0+lMBlroE9zDHK9xb28bxiQtLv+UF9i5CqTyQcY7cnFPvtFg0uFvt98TOzSLElvDvVthK5ZmKkAsCOAehPpm9pnihI9Qvbu98yCS4RET7KrbUC9hiRGHQdGx1yD2z7zWIJkltorCF7ZXkNqZmfzIFY5wCrDPPPzbse/c0AcPDV6bs24eEuLiO34Y/edSwPTpgH39AakstBtZpdQjuNUgRrSEuCElA3bgDkGPOBnBGM5x71Hc+IpbyFYrmxtHUyJLKcODMyoUBYhvQ9FwM+nOUfxFcSag9zLbwSI9uLYwPvKeWMcZ3b+ozndn8OKNAF/sWFdGF8bqWQMxXfBb74oyG2je+4FM9QNucEVNeeHYkvYILLUbeXzLdZpC3mARr5e9nJKD5euBy3QYzVKHV/s1rNFa2NtDJMjRtOpkL7GPK4LlenHTOPfmpV1+VZLeQ2dq0kMPkM5D/vo9mza43Y+73AB4HNGgD18OSkPI9/ZR2yiMrcO77HD7gCPl3dUIOQMY9Oaf8A8Irepppv5iBbKN7NGjPmMNtLK2Ah9QNwJFVLrWp7q1ktvJhigbywscYOIwm7AGST1dic5OTTZdT+0afHbT2lvI8Mflx3BLiRV3E44baep6g8fhRoBoDwpcPOlvFOsk8rM8QVCweADPnfLlsHoAFJPPpRF4P1GbUJrJSomiCHHkzHcHGVPCfL/wAD24/A1Sj1u4S4ikaKF1jtvsrRsDtkjwRg4Oc89QR0qey8RyafKWttPsgizpcRRsJGWJ1GMrl8nP8AtE+2KNAIJdGeHTkupLy0VpIRMkBciRl3beOMZznjOeDjNVr1LRHh+wyPIphQyF+0hHzAcDgH/wDXSXV5JdpbrIFAt4RCm0dQCTz7/Mal0me1tdVguL5DJBE4do/KEgkx/CQSBg9M9vQ0AUq0LWxhvo7K3tHY39xcNG6ucIq/Ltbp6ls8/wAPT1pzOsk8jogjVmJCL0UE9KW2uJbS6iuLd9ksTh0bGcEHIpAaA0u0uZpRp+oEwQIXmuLqAxIo3BRgKXY5JHbPt1xei8FX8q5+1WaZbCbpGO8ZABGFPB3Lj/e9jiiNcVZpWj0qxjinQpNAvm7JPmDA/fyCCBjaRVpPGGoIykRW3yOGUbCAAGVgvB6DYB9Pzp6AR/8ACLXjGJIJreeaQxZhjZi0YkGVLZGOnoSRVmPwk0F1JFqd3Hbr9lkniYxypuKg9Q0e4AEc5AyDxmornxO63UUmm28cGwQF5GBLTGNAuGBYjbnPAAyMZqjFqwt73z7bT7WFTE0UkCmQpIrAg5y5YcHsR0o0AcumxHSb26S4ina3lRB5buvBJ+baycg9uQRjkVPqWjWdl9gMeqQOLiJHfIk+XOct/q/u8Y7t7VBHrCxafdWkem2gS6OWbMuVxnbj5+2eM5980x9W86C0jubG2nNqoRXYyBnQZwrbWAx83UAHgc0AWZ9B26nfQ/aILO3tZFjMtxIzLubO1cqmSThjnaBgHOKcPC12IWaW4to5F80+QWJciNtr4wMcY7kZ7UkniR5ry4nm02xkW5ZHlhYSFC6k4f7+c4YjGcYPSo/+EjvSweQRSOEmQsynLeaSWJweuScUaATXuhWlrLJ5Wo74ra7+y3LTwmPY3zYI2lyQdjc4yMdKjOgPJqOpwrLHbw6fIyyvKXkC4Yr1RMnp12gfSku/EDXkhMmn2axyTm4miTzAs0hBGWO/dxk4AIHJpy+InTW5NVXT7Rbp38zcrTAK5JJYYk755B49qNAI5NKtk8PQX41CHzpJZFMJEnO1UIUfJjcN5zk45GD1q0/hC+QwFpoVjmV282VJYlUIu453oD07gEcVnjVGOntaTW1vMDK0ySOGDRswUMRggc7RwQRxV248U3U6ygWlpF5zSvKY1bLvIpV2OWPOD06D0o0Aifw/JE0jXF7aw2yrGy3Lbykm8blCgKWzjJ5AxjntSnwzqC6H/ahUCHyxLt2PnZuxndt2fhuzjtTRr8rQ+TdWltdQeXEgil3gAxqVVsqwOcE55wfTpUE+pm5sI7ee0t3kijEcdyd4kVQcgcNtPUjlc4o0AUx6at7aBDPPC0SeequEYSEfMASp4B9j9ai1S1Sy1e8tYixSCd41LdSFYgZ/Ko7Qwi8jN08kcQbLNGgdh9ASM/nWnJqli95rV08Bla9Mgt0kiU+Xufdv3Z+VgOwBzk80AYtFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrdjYtemUmaK3ihTfJNLu2qCQB90EkkkdB+gNVKuafqLWBlHkQ3EcyhXimBKnDBgeCDwRQBsaj4csbSDUHTUo0a2uhCiyhySNrHB2p947RjtjOcVTi8N3c115CzQAs8SRuWYLIZF3Lg46YGTnGKZLr01y179rtbacXkgmZWDKEcAgMu1h2Y8HI9qtw69BBqGk486a10/ksyBXkJP8AdDEcDCjnoPfAegDLfwne3cn+iTQ3EPl+Z58KSuv3iuMKhbOQf4cd81Tn0DVYDcFtPuWjt2dZJUhYoNpIY7sYwMVMPEEm1oTY2pszGIxaHzPLGGLZzv3ZyTzu746YFVRqkqwSQRQWiRPu4+yxsyg9g7Avx2Ocj1o0AkhsIL37FDZS/wCkyI7XJlOEiCknOcdAg3Hr3+lXoPDSPaTySahbKP3LQXG5vKdXZ1ORt3Z3JjoMYOeOayLG8ksLxLiJUcqGUpIMq6sCrKfYgkfjWkniSRNyHT7J7fEYS3ZZNkewsRjD5PLMTuJzmjQCNdGVLPUDNNG13aDDW6OweMiQRkn5CrcsOAw6/hVi68H6naSW6TBF85yjFldBGQNxyWUAgAE5XcODz0zWXUIVsr6V5p5dQv12ygxKqL+9WQsGDZJ+QcbR1PpSya9I+oJfJZWkVzuLSyIH/fbhhgwLEYIJztA60aASWei2dxDfs+sWv+jQrIjqs23JkRcn93nHzEcc5I7Zqg0dmumswmZrwT7QoB2GPH3uR1z/APqqaHVlt7id4tOtBDcReVJbEyFCNwbOd+4HKg/e7VQYhmJChQTkKM4HtzQBc1Gzit47W4tS5guot6hyCyMCVZSR1wR1x0IqjV7ULyO4jtre2DC3totilwAzMTuZjjpknp6AVRpAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf//Z)

Figure 5. 59: Selected Feature by XGBoost

The score of the coefficient is provided below in Figure 5.60. After that, the value of RMSPE shows 0.235.

### 5.5.2 Random Forest Regression

After observing the performance of linear regression, a tree-based model which is Random Forest will be applied to the dataset. Random Forest is an ensemble algorithm which creates a decision tree by taking a subset of observation and variables (SRIVASTAVA, 2015). There is a number of the benefit of using Random Forest algorithm which is it can handle missing value and categorical variables as well as it can be used for both classification and regression tasks (SYNCED, 2017). Beside that, it creates multiple decision trees and combines them to get more accurate and stable prediction result. That is why Random Forest is chosen as a model to decrease the value of RMSPE.

Here four type of feature selection will be used that describe before in Section 5.4. Beside that for increasing the accuracy of the model each feature selection is using the same parameter which is provided below and then provided the detail description of how each feature selection is used to train the model.

|  |  |
| --- | --- |
| The parameter of Random Forest | |
| bootstrap=True | n\_estimators =100 |
| criterion='mse' | n\_jobs=-1 |
| max\_depth=None | oob\_score=False |
| max\_features = auto | random\_state=42 |
| max\_leaf\_nodes=None | verbose=0 |
| min\_samples\_leaf=1 | warm\_start=False |
| min\_samples\_split=2 | min\_weight\_fraction\_leaf=0.0 |

Table 5. 9: Random Forest Parameter

#### **5.5.2.1 Correlation Analysis with analytical feature**

In total 11 features, is uses to train the model which shown in Figure 5.60.

![A screenshot of a cell phone

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2OQAAkpIAAgAAAAM2OQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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zMLIP7X/wCmP/j/AP8AWo/tf/pj/wCP/wD1qKKOZhZB/a//AEx/8f8A/rUf2v8A9Mf/AB//AOtRRRzMLIP7X/6Y/wDj/wD9aj+1/wDpj/4//wDWooo5mFkH9r/9Mf8Ax/8A+tR/a/8A0x/8f/8ArUUUczCyD+1/+mP/AI//APWo/tf/AKY/+P8A/wBaiijmYWQf2v8A9Mf/AB//AOtR/a//AEx/8f8A/rUUUczCyD+1/wDpj/4//wDWo/tf/pj/AOP/AP1qKKOZhZB/a/8A0x/8f/8ArUf2v/0x/wDH/wD61FFHMwsg/tf/AKY/+P8A/wBaj+1/+mP/AI//APWooo5mFkH9r/8ATH/x/wD+tR/a/wD0x/8AH/8A61FFHMwsg/tf/pj/AOP/AP1qP7X/AOmP/j//ANaiijmYWQf2v/0x/wDH/wD61H9r/wDTH/x//wCtRRRzMLIP7X/6Y/8Aj/8A9aj+1/8Apj/4/wD/AFqKKOZhZB/a/wD0x/8AH/8A61H9r/8ATH/x/wD+tRRRzMLIP7X/AOmP/j//ANaj+1/+mP8A4/8A/Wooo5mFkH9r/wDTH/x//wCtR/a//TH/AMf/APrUUUczCyD+1/8Apj/4/wD/AFqP7X/6Y/8Aj/8A9aiijmYWR//Z)

Figure 5. 60: Selected Feature by Correlation Analysis

The parameter is used to train the model for increasing the predictive power and makes it easier to train the model which already shown above. Then 5k cross-validation score is applied to the model of the whole train dataset and score of R2 is 0.693. After that 80% of the training data is used to train the model by using the parameter assigned above and the remaining 20% is used to test the prediction of the model. The RMSPE value of the model Random Forest is 0.212 which shows that the error is decreased compare to the RMPSE value of model Linear Regression.

#### **5.5.2.2 Relief Feature Selection**

There are total 22 features is selected by relief and then 100 trees of the random forest are applied to the training dataset. The maximum number of trees is always set to 100 due to many trees makes the algorithm slow which is inefficient in real-world prediction. According to this, most of the focus is given on the feature selection and setting right parameter of the algorithm which can decrease the error and time.

![A close up of text on a black background

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMzOAAAkpIAAgAAAAMzOAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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3kt7LELhpfsokJ3AL0DBUYMSSM/MvXNFgOdoro107TrmGwaGMRSatKkCKSxW1IYK7dfmySMA5wM57GlbR9Ik1NY7O4eSCOKR7oNM6mHb3LGEHnONoQ89+eCwHN0V013oulaZJePem8lhhngjRYXVWxJGXOSydRj0GfQdsM3MI017RYFZjOJFuCAH2gEbfocg9e1AEU9zPdSeZdTSTPgLukcscDoMmoqklgmgEZmieMSIHTepG5T3HqODzUun3UdnfJPNbpcooYGJ8YOVIHUHpnP4UgK1OR2jkV42KOpBVlOCD6g1rLFbWXh+3u3sY7uS6kkQySs4WHbjAAVh83Oec9uOudC38OWNxcw2m66WVTamWfcpjkExUEKNvBG/IJJztPAp2A5+71C8v2Vr+7nuWUYUzSFyB7ZqvXYSeG9HFvHdRtfeSLdppEaRNx/dJIADtwOGIJ5/wAYE0DSI0kub+7kt7ZjCqK7nfHviDnJWNtxGeBhc46iiwHLUVuXCaanhW2dLSZpzczxicTKASFiOSNmSvPC5455OeJBHZHU9AY27tbXESloi0YYnznTlgg3D5QeQTjjPeiwHP0V0lvBp83jSW2itpoo90qKrPG4Vxu5wY8bcDG3GR1zxUOmaNaXVpafaDcGa+eVI3iYBYdig5YEEt1yeRgfWiwGDRXW2Xh/TJriyTFwz77Jpw7jY6zEblAABHXrn2x3qrb29jPJo949ibUXN00BhhclG2lMOPMD8ZfBByDt7c0WAwUuJo4ZYY5pEimx5iKxCvg5GR3waircs9Ps7rU722mLyXPnbLaBZVg805OfmKFQeBgfLnPBzgEkTT18IwyNZTi5NzLGZfOUfMEQ8jZnbzwueOeeaAMOiuv/AOEUsS1qryTRsZ/IuUWXzCjeUX4JjUZGOgLDnrVFtJ04L9sC3RtBYi6Nv5qmTJlMeN+3GAec7fb3osBkQ6lfW1rJa295cRW8ufMiSVlR8jByAcHI4qrW/aaXpEmktfXt21sJpZY4FLsxTaAQDtjIY/MM8pxz34yXuUfTYbYW6LJHK7tMANzhgoCnjPG09/4qAK1FbGsK1z/ZTRQRie4tAStvCqb2811HyqAM8AdKyXRo5GSRSjqSGVhgg+hFIBtFFFABRRRQAUUUUAFFFFADo5HilWSJ2R0IZWU4KkdCDRJI8srSSuzu5LMzHJYnqSabRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFb1ro9kmlzy3ksjXBshcoiR/LGplVd27cMtjPy4xz1zTAxI5ZIt3lSMm5SrbWIyD1B9qkjvbqEoYrmZDGpVNshG0HqB6A5OfrWzeaPpsmr29lp1zOkk1vEyrLAApdoVZed55Zj07FuM4qKLQ7YW8s15fvCsEMUkqpb72UyHhR8wzxtJOR1I6jkAbYeJ7zTtLNjbRxBDv8Am3OM7hg5UMEbj+8pqh/ad/8AY1tPttx9mQ5WHzW2Kc54XOOvNbDeFRDbXEl1qEMLxyTRxhmjUSeWcH7zhuSMDCt74rIm02eC0Fw72pQgEBLuJ35/2Axb9OKNQHnWtVNwLg6leGZQQJPPbcAcZ5znsPyqKHUb23u3ure8uIriTO+ZJWV2ycnJBycnmrkdrY6hdTSQl7OytrVJJiF8x92ERsAtzmRvUcHtjFaUXh2xa28qW7ZZJbuGK3uFiJLLJGGUMu4BR8wJPJGMDNGoGE+p38lkLN724a1XGIDKxQY6fLnFH9p34jgQXtzst23Qr5rYiPqozwfpV6LTbZtGvnR2e8tygdHhwEJfb8jh+c98r9PWrdz4UWG9gtI9SgeZpmimXchMe0ZZgFdiRwfvBT0454NQMSa+u7iSV7i6mleYASs8hYyAYxuJ64wOvpSwahe21tJb215PFBKCJIo5WVXyMHIBweOK1NKsNGubm9WS4u5IorR5EY2yqwYDk4EnbjAzz3xWcr2KWt5GUkllZl+yykbdoB5LANgEjHHP9aAK5mlMaIZHKRklFLHC564HarT61qklzHcPqV408YISUzsWQHqAc5FOntoX0O3vYU8t1lMEw3EhjgMrDPQkZBHsPWs+gCaW8ubjd59xLLvIZt7k7iBgE59BwPaoaKKQFy/1KXUPs6yKkcdvEIoo0LYVck9yT1J7/oBVOiigCzbaje2UckdneXFukn31ilZQ/wBQDzS/2nf+VBF9tufLt2Dwp5rYiYdCozwfpVWigDRstd1GwZmguZc+UY1Jkb92CoXK4PBAAA+gqKHVtRtp5Z7e/uopZjmWRJmVnPuQefxqnRQBYivruC1ktobqaOCX/WRJIQr/AFHQ0+61TUL6JY72+ubiNDlVmmZwp9gTVSigC+Nc1YXJuBql4Jyuwy/aH3Fc5xnOcZ7VH/amoeXOn2652XBJmXzmxKT1Lc8/jVSigCwl/dxsGS6nVhswRIQRs+7+WBj0qU6xqRvBdnUbs3IXYJvPbeF9N2c4qlRQBdXWdTWWaVdRuxJOAJnE7ZkwMDcc84HHNRRX13BbSW8F1NHDL/rIkkIV/qBwar0UAXH1bUZBGJNQumEeNm6ZjswCBjnjgkfiajhv7y3ljlt7ueKSJdkbpIVKLycAjoOTx71XooAuR6tqMQmEV/dILglptszDzCepbnnPvVOiigDTbWmbULK6WztkFkgSKFTJs4YsCSW3Zy2etUJ55Lm4knnbfLK5d2x1JOSajooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKvjWr8aabATj7OyeWV8tdxXduClsbsA8gZ4qhRQBpw6zI09q1+nnpaBfL8sJFJ8oAUGQKWIGBwfwxUlt4huLZtQlEcTz3rq5d41dUIYtwrAjvx6VkUUwLw1e8+yyW7yJNHIzMfPhSRgW+8QzAlScdQRzzTJtV1G4tBaz391LbqABC8zFBjpwTjiqlFICxZX1xp8xltWVWZSjB0V1ZT1BVgQR9RVyPxHqkTyutwpeWTzSzQoxVwMAqSPkwOBtxjtWXRQBoLqEEOkS2ltbyLLcbRPLJMGUhTn5VCjHOOpPSll12/muIrh5YxPE29ZkgRXJ9WYKC345rOopgXl1e7S++1xmCOXYYyI7aNUZSMEFAu09e4qpJIZZXkYKGdixCqFGT6AcAewplFIC3Pe+Zp9vZxR+XFEWd/myZJDgFj+AAA7c+pqpRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAH/2Q==)

Figure 5. 61: Selected Feature by Relief

A selected data frame is divided into 80% training dataset and the remaining 20% is used to predict the sales. Model is trained and tested by using the parameter assigned above in the Figure 5.61. The score of R2 is calculated by using the 5K fold cross validation which is 0.78 and the error score of RMSPE for the testing data is 0.164. This is showing that the error of the prediction is decreased then before as well as the accuracy of the model is also increases.

#### **5.5.2.3 Random Forest Feature Selection**

Random Forest algorithm is applied on the whole train dataset for training the model with 100 number of trees and a random state of 8. After completing the training of the model, the important variable is identified using Feature Importance Selection in random forest. The graph bar which given in Section 5.4.3, selected the top 40 important features for predicting the sales.

![A screenshot of text

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM4MQAAkpIAAgAAAAM4MQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA/9k=)

Figure 5. 62: Selected Feature by Random Forest

After getting the important feature, a new data frame is created which include all the important feature selected by random forest and then for finding the accuracy of the model R2 is calculated which shows the value of 0.80. Then whole train dataset is divided into 80% training and 20% testing data with a random state of 42. The parameter is used with Random Forest for getting a higher accuracy and lower error. Random Forest with 100 trees is applied on the 80% train data and then calculate the RMSPE from the 20% testing dataset which shows the value 0.1197.

#### **5.5.2.4 XGBoost Feature Selection**

XGBoost feature selection is used to get the best feature from the train dataset. XGBoost algorithm is applied to the whole train dataset and then feature selection is uses to identify the best subset. Overall 31 important features selected by XGBoost algorithm. A new data frame is created based on the best feature and then train\_test\_split is applied with 80% training and 20% testing data. The score of R2 is calculated by using the 5K fold cross-validation with the whole best-selected model and the parameter that describe above. Then the score of the model shows 0.797 and the RMSPE value is calculated from the 20% test data which is 0.1193.

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NAAAkpIAAgAAAAM2NAAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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yu7KgAbcYI6nPXjpWPdM2q6tK9hZeWZmLJbQLnaMZwAB2A9KAKVFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKf5snk+T5jeVu3bNx256Zx60sJjWeMzKXjDAuoPUZ5Fbej6NDrurXv2a3uhZo37tYRlk3uFTPXgAkn2U896YGO97dSLKslzMyzMGlDSEhyOhPqfrWrd+LdRurOO2TbbCMoytC8gKlBgbQWIT/gAX8qgXRD9nE0s/lqiTGcFOYnjIGzrzksgz/te1aP/CIqI7TfeTJJcyRIpa2xG4dN5ZG3fOFHHQckDvmjUDGOsakbwXZ1G7NyF2Cbz23hfTdnOKWLWtUg3+TqV5H5hy+ydhu4xzzzwMVN9ksb83TaatxbpawNMfPkWUyYZQBwq7fve9Wj4bRZL2M3UkslsqFYoIA8jhk3FtpcHaMgEjdjqQKNQMr+0L37D9i+1z/ZM58jzW8vrn7ucdeadPquoXUqy3N/czSIpVXkmZioIwQCT0IrQubHS08PadcLPOlzOXDkwAqcMoOTv4ABOMDnviraaNph1zTkVLhtPnuBGLhZ0nWfJXCkKEMZIPIJLDPTijUDAtL26sJTLY3M1tIV2l4ZChI9MjtwKbLcTTgCaaSQBiwDsTgnqfqe9aa6ZpzvdTm/uIrKB0i3m1Bcu27A278YARjnd26c1JcaDbWNuzX+o+VL508KKkBdS0fHLZyASQM4PXpQBm3Op397EkV5e3FxHH9xJZWYL9ATxT/7Y1Pz45/7Ru/NiXZHJ57bkX0BzwK1Lrw9aaYsL6hfB/nRZ4Ynj3qGXOVAZmO3jIZVz29aX/hGoPtpsXuws1vEZ7qYOmxVJUIF3lQSdyk5Yfex1GCagYUlzPKriWaRw7+Y4Zydz/3j6nnrUg1C9FibIXk4tCcmDzW8s85+7nHXmtmz8LJeXtxbpfAhJVihmTyjHIWGQMmQc+oTfj34zSm0uzt9Lgnm1BlubiDzo4PIJUjeVwXzwflJHGOOcUagULWf7NdRz+WkvltuCOWAJ/4CQfyNLeXc1/ezXdy26aZy7n1JOaddyWrrbfY4mjKwhZtxzvkycsOTxjHpVakAVM91cO0rPPIxm4lJcnzOc8+vIB59KfDJaLp9yk0TNcsU8iQHhACd2ee/HY1qTaRajUrfR4FmN85jWS4eUeUCwBOE25wAeu7nHTtTAqWGu3lhfyXm43E0kfls8sjhscYwysGH3QOD046Us/iDUpdRlvYbqW1lmCq5t5XXIUYGTnLdOpJPvWhY+GbXUZo2ttScWsgIEj22HD+ZHHt2hiMZlU5z68U8+FLZJUEmpsEmmihgYW2S5kUMCRu+UDnPU+3ajUDC/tG9+yfZftlx9n5/c+a2zk5Py5x15oudSvr143vLy4uGj+40srMU+mTxWpJ4djt9JS7ur+OKVoxL5G6MkqWxgDeGLY5xtxx1puq2mkWeo2yQTXPlmGCSVWtx0aJWyP3nJJOSMjGSAeKNQKY13V1naZdUvRK4CtILh9zAdATntk/nUEN/eWwmFvdTxCcYlCSFfMHo2OvU9fWtu30rTv7a1y1vmdFs1m8oQRFgNrY3DdJnjjAJOc8njmhDZ2smiajcRuXkgkQJ5kRB2FsAgh8AnuCD04NGoFVtSvmhhia9uDHbkNChlbEZHQqM8fhUcF3cW1yLm2nlhnBJEsblWGeDyOe5raTwzHJcJbLfN9pV4FnUw/KglIAKtu+YgsMghfY07+w7C3t5byWee8tUtmkUR4gYusyRkch/l+fIPU+go1AwZ7ia6naa5leaVzlpJGLM31JqdtRlbSE05VRIFlMzbc5kfGATk44GRwB15zWodIs45tRVJGfZZLdQLLGSQrKrDJVxhgGA6EHk46VUGlRf2It/580hz+8WGFXWEbtvzneCpPUZXB4APXABl08SyCExB2EbMGKZ4JGQDj15P51u32kac+qWNpp0t0WnhiZwYFGA0YYtkyYyepBIA55wKfL4Xt4JJXn1JhbJFFIrxxLIzB2K4wrleCOzHj34osBhte3TrKHuZmE23zQZCfMx0z647ZrSvfE97faQunOkaQgIDtZzkIMDCliq+p2qPyyKbd6NDp8Nw19durrPLBAsUIfzGj4JJLDaMkDuevHq/UfD6afpizvfRG42xs9vvjyA4zwA5YkZGcqPbNGoFJ9Z1SS4ink1K7aaEERSNOxZMjBwc5GR6UiavqUbSmPULpDMAJSs7DeAMAHnnjjmnmayOqwvb2atb7I1aGZmwzbAHOQ2fvZIwR2+lN1iCO11y+t4F2RRXMiIuScKGIA5oAiiv7uC2e3gupo4JDl4kkIVj7gcHpTrvUr6/ZDfXtxcmPOwzSs+36ZPHQVVopAXf7Z1T7X9q/tK7+0bNnnee2/bnO3dnOPaqzzSugR5HZQxcKWJAY4yfqcDn2FR0UAXF1bUUt44E1C6WGM5SMTMFQ+oGcCore+u7Rka1upoCjFlMchXaSMEjHQkcfSoKKALBvrsyGQ3UxcyiYt5hyZB0fP97360R393Fby28V1OkMxzJGshCv8AUdDVeigCaW7uJwwmnlkDvvYO5O5sYyffHepdN1GXS7v7VbKhmVGWN2z+7JGNwwRzjPXI56VUooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiilAJIAGSegFACVMtzKlqbdWxE0gkIAGSwBAOevGT+dbNv4TuZZrKKeeCGS6ujbsvmxt5WNmSfm+9833OG496zZNJu4wxCxShHRGMM6SgFs7RlSfQ/5NPUAl1e+miuo5J8pdyeZMAijc2c54HHOCcdcD0rS1DxJHdW8YtrAW9yjRstzuQuhQYG1ggf0+8zdPxqm3h/Ukt5JmgQJGZAf3yZOw4faM5bGOcZ456VDcaVeWtqtxPGqxnaCBKrMm4ZG5QcrkDjIFGoEv9vX/wBqNyDbrIyMj7bSIK4PJDKFw34g0f2/qJnmnMsbTzffmaCMyD5dvyttyvHoRVWwt47vULe3nuFto5ZFRpmHEYJxuPI4H1qaz0e91CN5LOIOittBaRULtjO1QTlmx2XJ6eoo1AYmp3KWAs8xvAr71WSFHKnIJwxBIBwMgHB71JLrV9M0B8yOLyJPNjWCBIlD8fNhAATwOTU914fuoNPgvIissMkCzP8AMqsgLbfu5yVyQN2MZOKbPoVzCtoq7ZJbnefkliaMBep3q5GAOSTjH60agJH4g1CK6knjaBXlxvUWsWxiDkHZt25B74zVSe9uLmFIriVpFR3cbuTubG4k9TnA61YGiX5uXg8uMGNBI0jToIwpwAfMLbcEnHXrxUo0GZtDk1Hz7bEcxjMf2iPJABJI+bk8cADJ6jNGoFa61S6vYEiuTE4TaA/kIJDgYALgbjx6k9B6U5NYvkvnvBKrTSJ5b741ZXXAGCpG0jAHUdqZLawR2dpN9qDtOW82NVBaIA4HfnI57UmoWRsLsxbxKjKskcgBAdGGVOPoenY5HagCzbeIdSs5Ha1liiLSCXC28eFYDGVG3C8cHGM96ozXMtwkKzPuWCPy4xgDauScfmxqKikBPZTpbX0M8qO6xuG2xuFY45GCQcfkadqF4+o6lc3siqj3ErSMqjgEnOKrUUAFaDa5fskAaWMvblDFL5CeYu37v7zG7j61n0UAaf8AwkOp+esqzqjKAqrHCiKMOJOFAwDuVTnHOOanTxPfR6eYAUM29WWdo0JRVTaAuV+U/wC0CDWLRTuwLj6pdSWC2chieJF2qWgQuoznAcjcBnPAPc05tYu3+z+Z5Eht1CxmS2jY4A2gMSvzADoGziqNFIDQbXL9tTe/MkX2iRWWQi3jCyBs53Lt2tnPcGiPWryG1uLeP7OIrgkyr9kiOc++3Ix2x07YrPooA0v7f1LbCBOo8lo2VhEgYlPubmxlsdg2abBrd/bxiOOSNowjJslgSRSGYOQQwIPzKD+FZ9FMDTi8QajDNcTCSKSS5/1rTW8chYenzKcDgcDjgVXXUrlNPazQxJEw2sVgQOwzuwXA3EZxwT2HpVSikBorrl+jWzLLGHtQFifyE3BQMbS2MsMcYORSXGuahdKyzTqVZETasSKAqksoAAGACT0rPopgX21m9eO4SV45FuZHlkEkCPh2+8y5Hyk+q46D0FMuNUurq1jt5zE6Rqqq3kJ5gCjAG/G4gDjGap0UgJrWSGK6jkuY3liU5KRuEY+nJBxz7Vorruy81e6S3Il1FZEAL5WNXbLAjHzHpg5GOvNZFFMAooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVJDK0E8cqY3RsGGfUHNR0UAb03iOH7VZzWdgYfs1816weff5jkqSOgwPlx/nNJp2o2Vi97c226FGiCxWsrmVzIGDK+4IFwrAHnntzmsKincDdGrWcHh+0hjjaW+SOePdvwkQk4OV2/MSpOMNx70698Uz3f2eTdeCWJ43MbXreQSox8qAAqSRnIbjnHtgUUXA0dX1mfWJI3uV2mMED99LJ1/66O2PwxUum6zFY20KTWZnltZzc2ziXYEchR8wwdwyiHAI6deayaKANt9chk09bdLZorhrVbN7h5tyCMPuJCBcg/ieO2anj1iLRzpqWk4uzbLMJJLdnjyJOMKzKGDAc5x1x1rnaKLgbb69FPJdJeR3t1b3KIG8+93zKVOQRIUxjk8be9VYtQt10u5sZbaVo3l86FlmCmNtpA3fKdw5HTb061nUUAOUBmALBQTgsc4HvxV3V7qK5uo1tiWgt4UgjcjBcKOWx2ycnHYECqFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD//2Q==)

Figure 5. 63: Selected Feature by XGBoost

### **5.5.3 Xtreme Gradient Boosting**

**Finally, the last chosen model is XGBoost which is written in C++ that is why the speed and performance of this algorithm are quite faster compare to another ensemble algorithm. It is flexible on large dataset due to its core algorithm is parallelizable that makes it easier to tackle the power of multicore computers. Beside that this algorithm has wide variety of parameter tuning that can help to minimize the error (Chen & Guestrin, n.d.).**

**The four types of feature selection that describes in Section 5.4 will be using to train the XGBoost algorithm and variety of parameter tuning will be used to train the model. A maximum of 1000 trees will be taken for training the model due to this algorithm is faster than Random Forest. Since two models are taken a similar amount of time for training with 100 trees in Random Forest and 1000 trees in XGBoost. Then all the variable will be converted to DMatrix before training the model. DMatrix uses by XGBoost algorithm which is an internal data structure that optimized the training speed and memory efficiency (XGBoost, 2016). Below the Table 5.10 provided the list of parameters uses to train the model with four types of features selection.**

|  |  |
| --- | --- |
| ****XGBoost Parameter Tuning**** | |
| **base\_score=0.5** | **min\_child\_weight=1** |
| **booster='gbtree'** | **missing=None** |
| **colsample\_bylevel=1** | **n\_estimators=1000** |
| **colsample\_bytree=0.3** | **n\_jobs=-1** |
| **gamma=0** | **nthread=-1** |
| **learning\_rate=0.1** | **objective='reg:linear'** |
| **max\_delta\_step=0** | **random\_state=42** |
| **max\_depth=13** | **reg\_alpha=0** |
| **reg\_lambda=1** | **scale\_pos\_weight=1** |
| **seed=None** | **silent=1** |
| **subsample=1** |  |

Table 5. 10: Xtreme Gradient Boosting Parameter

#### **5.5.3.1 Correlation Analysis with analytical feature**

**There are 11 features which have a high correlation with the target variables sales that is why top 11 features are chosen to train the model XGB and find out the score of the model as well as Root Mean Square Percentage Error (RMSPE). Below provided the feature which is selected to train the XGBoost model first.**

![A picture containing text

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMxMwAAkpIAAgAAAAMxMwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Figure 5. 64: Selected Feature by Correlation Analysis

**Before training the model, the training dataset is split into train and test by using train\_test\_split and then 80% training data is used to train the model and the rest 20% is uses to test the model. After the parameter is assigned to the model for reducing the rate of error. The 5K fold cross validation is applied to the whole dataset for calculating the value of R2 and find out the accuracy of the model which is 0.791 and then 80% training dataset is used to train the model. After that, the remaining 20% data is used to predict the Sales and then the error is calculated by using RMSPE. The value of RMSPE come after predicting the test data which is 0.141.**

#### **5.5.3.2 Relief Feature Selection**

**Relief feature selection is selected 22 features from the training dataset. A new data frame is created by using the feature that selected by relief algorithm and then train\_test\_split is done on the whole train dataset which divided the training dataset into 80% training and 20% testing data. Furthermore,5k fold cross validation is applied to the whole train dataset to find out the value of R2 for the model XGBoost and then the model is trained using the 80% train dataset with a number of parameters that mentions above. After completing the training RMSPE is calculated by predicting the sales of test dataset using 20% testing data. The score of RMSPE for this selected feature is 0.141 and the accuracy of the model is 0.791.**

![A screenshot of a cell phone

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAM2NQAAkpIAAgAAAAM2NQAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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BUkKh2538AZzuxnk8cVdHhAMbQC9MfnSeXKJUTdEShcZVJGPQHg7T7UWAwI726hMZhuZozFnyyshGzPXHpnvWlpvie90rTmtLVI9pLEOWcHLADlVYK+Mcbg35cU5tCtlPn/AG6T7B9lFyZfs48wAuUC7N2M7h/exj8qdZ+HobvT3vG1BLeNnkW388xpv2gHLAyAjOQPlD8/hk1Ay/7QvfsP2L7XP9kznyPNby+ufu5x15qRtZ1R7hLhtSu2mjzskM7blyMHBzkZAA/Co3ktTpsMccLC6WVzLITwyELtA57Hd27j8LWsxW6rp81tbJbfaLUSOkbMV3eY65G4k9FHegCtHqd/FePdxXtwly/3pllYO31bOTSvql/JZm0e+uWtjyYTMxTrn7ucdeaqUUgLP9o3ohhhF5ceVA2+FPNbbG3qozwfcUk9/eXMkklzdTzPKoSRpJCxdQQQCT1GQDj2FV6KALNtqN7ZRyR2d5cW6SffWKVlD/UA80w3Vwzu7TyFpF2Oxc5ZeOD6jgcewqGigC1Pqd/dS+bc31zNJsMe+SZmO09VyT056UkOoXtvcCe3vJ4plQIJElZWCgYC5B6YA4qtRQBOb26PW5mPysv+sPRjlh9CTz61FGwSVWZFkCkEo2cN7HBB/I02igCzqF/NqeoS3l0QZZTk46AAYAH0AAqtRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVLBcy2zO0LBWdGjJ2g/KwwRz0yCRV+00G4udPmvHeOGNIfNjDyIGk+cJ90sCFyT82McU++8O3VpcpDG8FwzwLKBHcRlv9UJGG0MTwM4P8WMjqKYFa31i/tXheCfa0EZijOxThSSccjnkkjPQ9KvWWv29rowsptNS5ZfM2vIUZcsPRkLDH+yy/nzVS30HUblA8cKBDGspeSZEAVmKqSWIxkgjn29RSDRNQMczGFV8lnVleVVYlPvbVJy2O+AaNQEbWr5oYI2kjP2fb5UhhTzECnKgSY3YHpn2qSbxBqFxNHJO1vJ5W7YjWkRRdxy3y7dvJGenXPqazK0G0ppr8W2nSpdDyEmaQsqImUDNlicDBO3kjnjrxRqAketX0d1cXHmo73IxKJYUdGGQR8jArxgY447U0atdrYtaRmGOJl2MY7eNXZc5wXC7iOO5q7F4Xv5baUqqi4juFhMLOihty5BVi2GJ4wBnOcjNVU0mU6RPfuy7Y9uFSSNiMtj5137l9vlOfajUAGuX6tbMJYw9qAsT+Sm4ADAUtjLDHGDkYpk+r3tz5wllG2ZFjZFjVVCqcgAAAKMjPGO/rT5ND1GOSGMwBnmk8pVjkVyH/usATtb2bB6+hqxZeHbi7uLmE3FojQQGbIuomVvQZD47cnt360agU4tUuorFrMGJ4DuIWWBHKbhglSwJXoOhHSoxfXIjt0WUqtqxeHAAKEkEnPXqBUi2SfZbx5rmNJrZlVYgwbzcnB2kHBAxnIzST2Xl6db3kUnmRSs0b/LgxyLglT+BBB78+hoAnOvX/wBs+0g26ylWRttpEquG6hlC4b8Qaiu9Wvb8S/a5vM850d/lAyyKVU8DsCRVKigArQ1TU/7RFoiRGOO0txAgZgzEAk5JAHc+nA/EnPopAFXbfVru2s2tY2ieBmLbJoEkCkjBK7gdp9xjpVKigDSXxBqSJAqXCr9naNkYRIGJj+5ubGWA7Bsip7LxLe2qssuydBC0UaOiELlAgJBUhsKoGD1xWNRTuBorrt+skzNJFJ5zKzpNbxyJlRgYVlIXA4GAOOKgj1G5i097JTG1u7F9rxIxViACVJBKnAHQjpVWikBeutYvLyOBJWhUW/8AqjDbxxFOSeCqg9ST9TmpV8QagmotfIbYXLDBcWcXvk424ycnnqazKKYGhHrl/DFJHFJGiuzt8sCDYWGG2Hb8mQAPlxRFreoQSLJFcbWXysHYp/1WNnbtgfXvms+igDS/t6/+1Qz74Q1uCIkFtGI48nJITbtBz3xmmprd7HeS3afZxPKwYv8AZIvlYdCvy/Ke+Vxk89az6KALcepXUdjJZhkaCRi5WSJXIYjBIJBKnAHIIq0/iXVZNm65XKPvBEKAltpXccDk4OMnP6VlUUgL0Or3tuyGOVSI4fICvErqY927aVIIPzHPOe3pQmsXccEsI8gxSu0hR7aNgrMMEqCvydB93HQelUaKACtg6xbDU9NuIrSZYdPRVWM3ALsQ7ODu2Y6t029BWPRQBNdXD3d5NcyhQ80jSMFGACTk4qGiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANn+3YTpT27WRNy9qLUz+d8oQOHGEx14APPbtT4NTtp9U0+6ObKe2WJZZpJC8brGgUAIqZBIX1IPtWHRTuB0MGr6c6aqbyGVopzEILdJNjFEOFXdtYcKB9aRvFVxNYTQTG7ieSSWQG0uzEhMhyQ6YO4A57jg4rn6KLga134hurzSUsJExEoUA/aJ2+70+VpCv/jv0xVbTb2Kza4S5gaeC5h8qREk2NjcrAhsHBDKD0NUqKAOhi8S26vmXTmYRXEc1uq3GAnloERW+UluAM4K59qrRXMNto14TeRzXV6Yz5caNujIbcS2VC9uxPWseii4HR3Xi2S51KG8K3jFJC7wT3pki+YEMEXaNnBOOTis+11Gzsr6R7e0n+zSwPDJFJcAvhhgkOEAHb+E1mUUXAfIUMrmFWWMsdis24gdgTgZPvgVdnuYU0OCyhfzHaUzzNtICnG1UGeuBkk+49Kz6KQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/2Q==)

Figure 5. 65: Selected Feature by Relief

#### **5.5.3.3 Random Forest Feature Selection**

**Random Forest Feature Selection is used to train the whole dataset and identify the best 40 features which are provided below.**

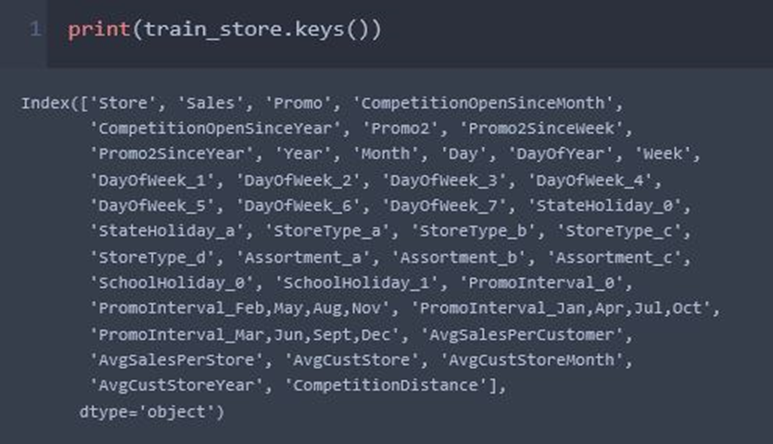
****

Figure 5. 66: Selected Feature by Random Forest Regression

**After getting the best feature, then the whole dataset is splitting into 80% training and 20% testing data. Besides that, 5k fold cross validation is applied to the whole dataset for getting the value of R2 which is 0.81. The value of cross-validation is quite higher means the accuracy of the model should be better. Therefore, XGBoost algorithm is used to train the dataset with 1000 trees and number of parameter that mention above. After completing the training, the model is used to predict the sales of the test dataset and then the value of RMSPE is calculated which is 0.999. It shows that the error of the prediction is much lower compared to all the model applied till now. Finally, the model is used to predict the sales of the actual dataset which provided by the Rossmann Drug Store.**

#### **5.5.3.4 XGBoost Feature Selection**

**Finally, XGBoost algorithm is used to find the best feature selection. The whole train dataset provided for training the model and then it identifies the best 31 features among all features. Then a new data frame is created by using the best-selected feature.**

****

Figure 5. 67: Selected Feature by XGBoost

The new data frame is then again divided by the ratio of 80:20 where 80 percent data will be used for training and the 20 percent data will be used for testing. Beside that for getting the accuracy of the model, 5k fold cross validation is applied and the score of the R2 comes up 0.81 which is similar like XGBoost with Random Forest Feature Selection. Then 80% data is used to train the model XGBoost with the given parameter is set as well. After completing the training, model is applied to the remaining 20% data for predicting the sales. At last, the score of RMSPE is calculated which is 0.102.

## 5.6 Summary

Chapter 4 is describing the detail about data analysis which includes data summary, data pre-processing and modeling. Data summary about describes the dataset provided by Rossmann Drug Store in Kaggle. There are total 3 datasets is provided which is train, store, and test and then a detail description is done on the measurement scale of the data. Data pre-processing is explaining how the missing value and the outlier of the data are identified and replaced. However, it also explained the technique of converting the categorical variable to numerical variables and data integration as well. Then the description is about data exploratory which is divided into three parts that are Univariate Analysis, Bivariate Analysis, and Multivariate Analysis. After that the explanation is about Analytical feature that discovered after completing the data exploratory and then some of the variables is transformed by using log due to the histogram of that specific variable is showing right-skewed.

Moreover, dashboard is created to show the interactive visualization of the dataset. Finally, four types of feature selection is used to select the best features and how each type of modeling is used to train the four-selected feature.

# CHAPTER 6: RESULT DISCUSSION

## 6.1 Introduction

This chapter will present the accuracy of the model that discussed above in Section 5.5. Each model will be compared with the value of R2 and RMSPE with a different type of feature selection. Then three final models will be identified. After that, each model will be compared to the existing study by using the value of RMSPE. Finally, the best model and feature selection will be selected for predicting the sales of Rossmann Test Dataset.

## 6.2 Best Three Model with Feature Selection

### 6.2.1 Linear Regression

The result of Root Mean Squared Percentage Error (RMSPE) from the above analysis in Section 5.5.1.1 shows that after adding the analytical feature, the error rate of prediction is decreased. That is why the analytical feature is added to the dataset before applying the algorithm for selecting best features. Linear Regression algorithm is applied on the five types of selected feature which is Correlation Analysis without Analytical Feature, Correlation Analysis with Analytical Feature, Relief Feature Selection, Random Forest Feature Selection, and Xtreme Gradient Boosting Feature Selection. Below provided the result of R2 score and RMSPE.

|  |  |  |
| --- | --- | --- |
| Feature Selection | R2 | RMSPE |
| Correlation without analytical feature | 0.19 | 0.4266 |
| Correlation with analytical feature | 0.71 | 0.2457 |
| Relief | 0.70 | 0.2545 |
| Random Forest | 0.72 | 0.2349 |
| Xtreme Gradient Boosting (XGB) | 0.72 | 0.2350 |

Table 6. 1: Result of Linear Regression

Table 6.1 is showing that the highest score of R2 from the K fold cross-validation and the lowest score for RMSPE is Random Forest and XGBoost feature selection. Hence, both feature selection shows that Random Forest and XGBoost score of R2 is similar that is why the best model is selected based on the value of RMSPE. Therefore, linear regression with random forest feature selection is the best model among all the five which is provided below in Table 6.2.

|  |  |  |
| --- | --- | --- |
| Feature Selection | R2 | RMSPE |
| Random Forest | 0.72 | 0.2349 |

Table 6. 2: Linear Regression Best Score

### 6.2.2 Random Forest Regression

The error of the prediction is still quite high for Linear Regression model due to the pattern of the sales data is non-linear that is why a second algorithm is chosen for training the model with a lower score of RMSPE. A tree-based model is chosen which is Random Forest Regression. Random Forest algorithm is applied to the four-feature selection with the same parameter and 100 trees. The maximum number of trees is set to 100 trees due to it takes a much longer time to predict which is not appropriate for the real-time predictions. Table 6.3 shows the result of R2 and RMSPE.

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Selection | Number of Trees | R2 | RMSPE |
| Correlation with analytical feature | 100 | 0.70 | 0.2124 |
| Relief | 100 | 0.78 | 0.1638 |
| Random Forest | 100 | 0.80 | 0.1197 |
| Xtreme Gradient Boosting (XGB) | 100 | 0.80 | 0.1193 |

Table 6. 3: Result of Random Forest Regression

Among the four-feature selection, the lowest error with the highest accuracy is Random Forest Feature Selection and Xtreme Gradient Boosting Feature Selection. Final feature selection will be chosen based on the value of RMSPE because the value of the accuracy is similar. Since XGBoost feature selection with the model Random Forest is the best matching.

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Selection | Number of Trees | R2 | RMSPE |
| Xtreme Gradient Boosting (XGB) | 100 | 0.80 | 0.1193 |

Table 6. 4: Random Forest Regression Best Score

### 6.2.3 Xtreme Gradient Boost

The value of RMSPE is reduced by 0.115503801 after training with the Random Forest Regression model but it is quite slow to evaluate. According to this, Xtreme Gradient Boosting is chosen due to its run on parallel computing and which is 10 times faster than the existing Gradient Boosting algorithm as well as the chances of overfitting is reduces because of various type of regularization is included with the algorithm. The four-feature selection that describes above in Section 5.4 will be used to train the model. The maximum number of 1000 trees will be used to train the model. Below provides the result of the XGBoost algorithm.

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Selection | Number of Trees | R2 | RMSPE |
| Correlation with analytical feature | 1000 | 0.65 | 0.2012 |
| Relief | 1000 | 0.80 | 0.1407 |
| Random Forest | 1000 | 0.82 | 0.0999 |
| Xtreme Gradient Boosting (XGB) | 1000 | 0.81 | 0.1015 |

Table 6. 5: Result of Xtreme Gradient Boost

The table 6.5 is showing that the best feature selection with highest accuracy and the lowest RMSPE value is Random Forest Regression. So, below provided the result of best XGBoost cross-validation score and RMSPE value.

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Selection | Number of Trees | R2 | RMSPE |
| Random Forest | 1000 | 0.82 | 0.0999 |

Table 6. 6: Xtreme Gradient Boost Best Score

## 6.3 Comparing with Existing Study

The best three models that identified in Section 6.2 will be further comparing to the existing study. One of the Journal Article “Forecasting sales using the store, promotion, and competitor data” is chosen to compare the value of RMSPE for the three models. This article is written by the three author Qianren Zhou, Di Huang and Kun Huang from the University of California, San Diego (Zhou et al., 2015). They were training six models to predict the sales of Rossmann Drug Store which is Linear Regression, Logistic Regression, KNN, Random Forest, Gradient Boosting and Xtreme Gradient Boosting. In the current research, the comparison will be done with Linear Regression, Random Forest Regression, and Xtreme Gradient Boosting. The score of Root Mean Square Percentage Error (RMSPE) will be comparing between the research article and current research. Below provide the table of comparison between a journal article and current research.

|  |  |  |  |
| --- | --- | --- | --- |
| Journal Article | | Current Research | |
| Model | **RMSPE** | **Model** | **RMSPE** |
| Linear Regression | 0.3897 | Linear Regression | 0.2345 |
| Random Forest Regression (1000 trees) | 0.1199 | Random Forest Regression (100 trees) | 0.1193 |
| Gradient Boosting (1000 trees) | 0.1077 | Xtreme Gradient Boosting (1000 trees) | 0.0999 |

Table 6. 7: Comparison Table

Table 6.7 is showing that Linear Regression and Random Forest Regression has lower value compare to the Journal Article whereas the score of Gradient Boosting and Xtreme Gradient Boosting is considered as similar because XGB is an improved version of the Gradient Boosting on that basis the score is lower in the Current Research. Moreover, Gradient Boosting is getting trouble during the time of managing a number of ad-hoc parameters for controlling the growth of decision trees whereas in XGBoost it is controlled by the standard regularization parameters which provide parameter-free optimization routine that makes the algorithm more powerful and faster (Gandhi, 2018a). The reason of getting lower value in the current research because One-Hot Encoding is applied on the Categorical variable for converting it to the numerical whereas, in the Journal Article, they did not convert to the numerical value. This can be the reason because most of the algorithm produces a better result with numerical value compare to the categorical value (RAY, 2015). Besides that, in the current research, log transformation is done on the type of variable which is right-skewed. Log transformation is applied on the independent variable Competition Distance and dependent variable Sales to get the normal distribution and also the skewed variables are affecting the coefficients associated and regression intercept within the model (Vasudev, 2017). Furthermore, in the Journal article, they get the score of Random Forest with 1000 trees is still lower than the current research score of Random Forest with 100 trees. It can be the reason for feature selection due to there are four types of feature selection is applied in the current research and came up with the best feature selection that reduces the value of RMSPE.

## 6.4 Best Model

Below provides the list of the best three models.

|  |  |  |
| --- | --- | --- |
| Model | Feature Selection | RMSPE |
| Linear Regression | Random Forest | 0.2348 |
| Random Forest Regression (100 trees) | XGBoost | 0.1193 |
| Xtreme Gradient Boosting (1000 trees) | Random Forest | 0.0999 |

Table 6. 8: Best Three Model with Feature Selection

Table 6.8 is showing that the score of the model Linear Regression is the highest compared to all the model and then the score of the Random Forest is the second highest. XGBoost has the lowest value of RMSPE but the number of trees is 1000 whereas the Random Forest has 100 trees. Compare to the model Random Forest and Xtreme Gradient Boosting, the best model is Xtreme Gradient Boosting due to it is much faster compare to the Random Forest and beside that Random Forest with 100 trees and XGBoost with 1000 trees take a similar amount of time to evaluate the prediction of the test data. Moreover, the best feature selection is Random Forest because the best score of RMSPE is coming two times by using the Random Forest Feature Selection. Below provide the table@ of best model with best feature selection.

|  |  |  |
| --- | --- | --- |
| Model | Feature Selection | RMSPE |
| Xtreme Gradient Boosting (1000 trees) | Random Forest Feature Selection | 0.0999 |

Table 6. 9: Best Model with Feature Selection

## 6.5 Test Data Prediction

The model XGBoost with random forest feature selection is used to predict the Sales of actual test dataset of the Rossmann Store which provided by the Kaggle website. The actual sales value of the test dataset is not provided that is why the score of RMSPE is not calculated based on predicted values. During the time of prediction, all the closed Store ID is removed from the test dataset and then apply the model for prediction. After completing the prediction of the model, the closed store ID is assigned at the bottom of the submission dataset. Submission dataset, contains the Store ID and the predicted top 10 sales value is shown at Table 6.10.

|  |  |
| --- | --- |
| ID | Predicted Sales |
| 1 | 3958.959 |
| 2 | 7456.176 |
| 3 | 8897.648 |
| 4 | 7082.013 |
| 5 | 7125.92 |
| 6 | 5340.162 |
| 7 | 7059.016 |
| 8 | 7896.483 |
| 9 | 5120.592 |
| 10 | 5621.046 |

Table 6. 10: Predicted Sales of Actual Test Dataset

## 6.6 Summary

Chapter 6 is about finding the best three models with the best Feature Selection by the score of cross-validation and RMSPE. Then comparing the score of the best three models with the score of existing study and describe the possible reason for the higher value of RMSPE. After that, the best model with feature selection is chosen among the three best models by comparing the value of RMSPE. Final model with best feature selection is the Xtreme Gradient Boosting with the Random Forest Feature Selection.

Xtreme Gradient Boosting algorithm is chosen because of faster performance and the lower score of Root Mean Square Percentage Error (RMSPE) whereas the best feature selection is chosen Random Forest Feature Selection because two best models are identified with Random Forest Feature Selection among three best models. Finally, XGBoost model is used to predict the sales of actual test dataset.

# CHAPTER 7: CONCLUSIONS AND REFLECTIONS

**What was achieved at the end of the project?**

The project of Predicting Sales for Rossmann Drug Store has been performed using the CRISP methodology and the aim of this project is about predicting the sales of six weeks in advance. There are three types of the dataset is provided by the Kaggle website which is train, test and store dataset. Train dataset contains two years and seven months sales data which is starting at 2013 January and finished at 2015 July. Store dataset provides the information about each type of store and the test dataset contain all the feature same as train dataset except sales and customers. The sales need to predict from the 1st August 2015 to 17th September 2015.

The developer research on a number of Journal Article about the various type of algorithm is used in the retail industry for predicting the product sales in advance and what type of feature engineering they are used for the best prediction. Then tableau visualization tool is used to visualize the pattern of the data after merging train and store dataset due to it provide more information about the store. Visualization of the data gives a clear view of what type of feature mostly affect the target variable sales. Then PCA, Polynomial feature and standardization is applied to the dataset, but the error is quite higher. After that, the developer study number of existing article and identified that the prediction of the algorithm can be lower by identifying the important feature inside the dataset and creating some new feature that can help to train the algorithm with lower accuracy. According to this, the developer comes up with analytical feature and four types of feature selection. Three types of model are chosen for training which is Linear Regression, Random Forest Regression, and Xtreme Gradient Boosting. The model is trained using four types of feature selection and came up with the best three models with the lowest value of Root Mean Square Percentage Error (RMSPE).

Finally, the best three models are used to compare the existing study and it shows that the value of RMSPE is lower in the current study. Furthermore, the best model XGBoost is chosen among three for predicting the sales of the test dataset. The achievement of this project is that the best model XGBoost can predict the sales of the Rossmann Drug Store with the RMSPE score of 0.0999. Besides that, the developer gets a clear understanding about how the data pre-processing work and how the tableau is used for the data visualization as well as how the feature selection reduces the number of variable in the datasets to make the algorithm faster. Overall, it was a great experience to learn new things about how data analysis is performing.

**Were you able to do enough investigation/research with regards to what you want to achieve?**

The research about this project is mostly involved how to come up with the lowest prediction error. The developer did some additional work as an investigation for identifying how the algorithm work. By studying a number of the dataset that provided by Kaggle which Iris dataset, Titanic dataset, and Boston Housing dataset. The developer follows the steps that use in the number of website for prediction especially Boston Housing Dataset. At first, standardization, normalization, PCA and Polynomial feature selection is applied to the training dataset and identify the error rate of the prediction by using three algorithms. Then the developer gets a concept that this type of feature selection is not suitable for the prediction due to the error is quite higher. Then the developer read a number of Journal article and website about how to decrease the error of the model.

Finally, the developer identified that the Rossmann Dataset is mostly depended on the feature selection and how to provide a target to the algorithm so that it can do better prediction. According to this, a number of the analytical features is developed as well as the date is splitting at a different time dimension which helps algorithm to identify the sales rate on specific time. Then the model is applied to the dataset by using four types of feature selection. Number of feature selection help developer to recognize which feature selection is most suitable to train the model.

Furthermore, the developer came up with the lowest score of RMSPE than the existing study. Besides that three best models are chosen first then came up with the best model among three. Since the research is achieving the goal of the project Predicting Rossmann Sales in six weeks advance.

**Were there any gaps in your research and design – areas where you may want to further explore and improve?**

The project of Rossmann Sales Prediction is achieved all the requirement but still, there is a number of things that can be done in future for getting the lower score of RMSPE than 0.0999. In the current research, the laptop which uses to train the algorithm has 8gb ram that is why it is difficult to train the algorithm with more number of trees. Since in future, the developer will train the model XGBoost and Random Forest with increasing the number of trees more than 3000 to identify how it decreases the error of the prediction.

In future, developer will perform parameter tuning by using Grid Search CV with the best feature selection because it is the process which identifies the best parameter for the given model by scanning the given data. In the current research, developer cannot perform grid search cv due to the size of the ram is 8gb and besides that, it takes longer time to find the best parameter. Hence, Grid Search CV will be applying to the best two model which is Random Forest Regression and Xtreme Gradient Boost with their best feature selection for getting the best parameter for each model and then the model will be used for prediction. This is another way which can reduce the score of RMSPE.

Moreover, in this project, 5K Fold Cross Validation is used to get the accuracy of the model instead of 10K Fold Cross Validation due to it takes a lot of time. In future developer will train the model with 10K Fold Cross Validation because 10K fold provides better accuracy. In this way, the accuracy of the model will be increased above 90 percent and the RMSPE score can be decreased below 0.05.

# 8.0 REFERENCES

Alexander, D.L.J., Tropsha, A., Winkler, D.A., Flagship, D.P., Flagship, M. & Sciences, P. (2015). *HHS Public Access*. 55 (7). p.pp. 1316–1322.

Apollo, B. (2012). *Why is accurate sales forecasting such a challenge?* [Online]. 2012. Available from: http://www.inflexion-point.com/Blog/bid/90329/Why-is-accurate-sales-forecasting-such-a-challenge. [Accessed: 29 August 2018].

Aras, S., Deveci Kocakoç, İ. & Polat, C. (2017). Comparative study on retail sales forecasting between single and combination methods. *Journal of Business Economics and Management*. 18 (5). p.pp. 803–832.

Atayero, A.A., Popoola, S.I., Egeonu, J. & Oludayo, O. (2018). Citation analytics: Data exploration and comparative analyses of CiteScores of Open Access and Subscription-Based publications indexed in Scopus (2014–2016). *Data in Brief*. 19. p.pp. 198–213.

Azevedo, A. & Santos, M.F. (2008). *KDD, SEMMA AND CRISP-DM: A PARALLEL OVERVIEW*.

Bertani, A., Di Paola, G., Russo, E. & Tuzzolino, F. (2018). How to describe bivariate data. *Journal of Thoracic Disease*. 10 (2). p.pp. 1133–1137.

Bhadani, A.K. & Jothimani, D. (2016). Big Data: Challenges, Opportunities and Realities. *Effective Big Data Manangement and Opportunities for Implementation*. p.pp. 1–24.

Bohanec, M., Kljajić Borštnar, M. & Robnik-Šikonja, M. (2017). Explaining machine learning models in sales predictions. *Expert Systems with Applications*. 71. p.pp. 416–428.

Boldt, L.C., Vinayagamoorthy, V., Winder, F., Schnittger, M., Ekran, M., Mukkamala, R.R., Lassen, N.B., Flesch, B., Hussain, A. & Vatrapu, R. (2016). Forecasting Nike ’ s Sales using Facebook Data. *2016 IEEE International Conference on*. p.pp. 2447–2456.

Brick, T.R., Koffer, R.E., Gerstorf, D. & Ram, N. (2017). Feature Selection Methods for Optimal Design of Studies for Developmental Inquiry. *The Journals of Gerontology: Series B*. 73 (1). p.pp. 113–123.

Brownlee, J. (2016). *A Gentle Introduction to XGBoost for Applied Machine Learning*. [Online]. 2016. Available from: https://machinelearningmastery.com/gentle-introduction-xgboost-applied-machine-learning/. [Accessed: 3 September 2018].

Cerda, P., Varoquaux, G., Kégl, B., Cerda, P., Varoquaux, G. & Kégl, B. (2018). *Similarity encoding for learning with dirty categorical variables To cite this version : HAL Id : hal-01806175*.

Chandramana, S.B. (2018). *Retail Analytics : Driving Success in Retail Industry with Business Analytics Retail Analytics : Driving Success in Retail Industry with Business Analytics*. (August 2017).

Chang, S. & Meneguzzi, F. (2016). *Forecasting demand with limited information using Gradient Tree Boosting*. p.pp. 227–230.

Chen, T. & Guestrin, C. (2016a). *XGBoost : A Scalable Tree Boosting System*. p.pp. 785–794.

Chen, T. & Guestrin, C. (2016b). *XGBoost: A Scalable Tree Boosting System*. p.pp. 785–794

Chen, T. & Guestrin, C. (n.d.). *XGBoost: Reliable Large-scale Tree Boosting System*. p.pp. 1–6.

Cho, S., Hong, S. & Lee, C. (2016). ORANGE: Spatial big data analysis platform. *Proceedings - 2016 IEEE International Conference on Big Data, Big Data 2016*. p.pp. 3963–3965.

Course, P. (2003). *History of Python*. [Online]. 2003. Available from: https://www.python-course.eu/python3\_history\_and\_philosophy.php. [Accessed: 30 August 2018].

Crist, J. (2016). Dask & Numba: Simple libraries for optimizing scientific python code. *Proceedings - 2016 IEEE International Conference on Big Data, Big Data 2016*. p.pp. 2342–2343.

Dar, O. (2015). *Machine Learning Zero-to-Hero: Everything you need in order to compete on Kaggle for the first time, step-by-step!* [Online]. 2015. Available from: https://towardsdatascience.com/machine-learning-zero-to-hero-everything-you-need-in-order-to-compete-on-kaggle-for-the-first-time-18644e701cf1. [Accessed: 1 September 2018].

Denk, M. & Hackl, P. (2004). *Data Integration : Techniques and Evaluation 2 Relevance of Statistical Data Integration*. 33 (1). p.pp. 135–152.

Diah J., M., J., A. & M., M. (2012). The Methodology on Statistical Analysis of Data Transformation for Model Development. *International Journal of Statistics and Applications*. 2 (6). p.pp. 94–100.

Elgendy, N. & Elragal, A. (2014). *Advances in Data Mining. Applications and Theoretical Aspects*. 7987 (August).p.pp. 214-227

Europe, S.V. (2018). *What is the CRISP-DM methodology?* [Online]. 2018. Available from: https://www.sv-europe.com/crisp-dm-methodology/. [Accessed: 1 September 2018].

Feng, C., Wang, H., Lu, N., Chen, T., He, H., Lu, Y. & Tu, X.M. (2014). Log-transformation and its implications for data analysis. *Shanghai archives of psychiatry*. 26 (2). p.pp. 105–109.

Fife-Schaw, C. (2006). *Breakwell-3389-Ch-03.qxd*. p.pp. 50–63.

Foley, B. (2018). *What is Exploratory Data Analysis?* [Online]. 2018. Available from: https://www.surveygizmo.com/resources/blog/what-is-exploratory-data-analysis/. [Accessed: 13 December 2019].

Freelon, D. (2013). ReCal OIR: Ordinal, interval, and ratio intercoder reliability as a web service. *International Journal of Internet Science*. 8 (1). p.pp. 10–16.

Gahegan, M. (2005). *Multivariate Analysis and Geovisualization with an Integrated Geographic Knowledge Discovery Approach Diansheng*. 32 (2). p.pp. 113–132.

Galic, D. (2016). *Common and Costly Inventory Management Mistakes Retailers Make*. [Online]. 2016. Available from: https://www.humanity.com/blog/common-and-costly-inventory-management-mistakes-retailers-make.html. [Accessed: 29 August 2018].

Gandhi, R. (2018a). *Gradient Boosting and XGBoost*. [Online]. 2018. Available from: https://hackernoon.com/gradient-boosting-and-xgboost-90862daa6c77. [Accessed: 11 January 2019].

Gandhi, R. (2018b). *Introduction to Machine Learning Algorithms: Linear Regression*. [Online]. 2018. Available from: https://towardsdatascience.com/introduction-to-machine-learning-algorithms-linear-regression-14c4e325882a. [Accessed: 2 September 2018].

Gemmink, M.W.T. (2017). *A Model to Prevent Stockouts in Retail using Time Series Sales Forecasting*.p.pp 1-10

Gogtay, N.J. & Thatte, U.M. (2017). Principles of correlation analysis. *Journal of Association of Physicians of India*. 65 (MARCH). p.pp. 78–81.

Golinko, E., Sonderman, T. & Zhu, X. (2017). CNFL: Categorical to Numerical Feature Learning for Clustering and Classification. *Proceedings - 2017 IEEE 2nd International Conference on Data Science in Cyberspace, DSC 2017*. (1). p.pp. 585–594.

Grady, N.W. (2016). Knowledge Discovery in Data Science KDD meets Big Data. *IEEE International Conference on Big Data*. p.pp. 1603–1608.

Guru99 (2019). *R Vs Python: What’s the difference?* [Online]. 2019. Available from: https://www.guru99.com/r-vs-python.html. [Accessed: 13 January 2019].

Handbook, E.S. (2013). *What are outliers in the data?* [Online]. NIST/SEMATECH 2003. Available from: https://www.itl.nist.gov/div898/handbook/prc/section1/prc16.htm. [Accessed: 13 December 2018].

Hegde, A., Li, W., Oreluk, J., Packard, A. & Frenklach, M. (2017). *Consistency Analysis for Massively Inconsistent Datasets in Bound-to-Bound Data Collaboration*. 1740. p.pp. 1–25.

Hu, H. & Kantardzic, M. (2016). Smart preprocessing improves data stream mining. *Proceedings of the Annual Hawaii International Conference on System Sciences*. 2016–March. p.pp. 1749–1757.

INVESTOPEDIA, (I) (2018). *Descriptive Statistics*. [Online]. 2018. Available from: https://www.investopedia.com/terms/d/descriptive\_statistics.asp. [Accessed: 2 September 2018].

Irizarry, R. & Love, M. (2018). *Exploratory Data Analysis*. [Online]. 2018. Available from: http://genomicsclass.github.io/book/pages/exploratory\_data\_analysis.html. [Accessed: 13 December 2018].

Janitza, Anne-Laure Boulesteix, S., Kruppa, J. & K¨onig, I.R. (2012). *Overview of Random Forest Methodology and Practical Guidance with Emphasis on Computational Biology and Bioinformatics*. p.pp. 1-31.

Jung, Y. & Hu, J. (2015). A K-fold averaging cross-validation procedure. *Journal of Nonparametric Statistics*. 27 (2). p.pp. 167–179.

Kaneko, Y. & Yada, K. (2016). A Deep Learning Approach for the Prediction of Retail Store Sales. *IEEE International Conference on Data Mining Workshops, ICDMW*. p.pp. 531–537.

Kubacki, M. & Sosnowski, J. (2016). Multidimensional Log Analysis. *Proceedings - 2016 12th European Dependable Computing Conference, EDCC 2016*. p.pp. 193–196.

Kuhlman, D. (2012). *A Python Book: Beginning Python, Advanced Python, and Python Exercises*. p.pp 1-278.

Le, T.M. & Liaw, S.Y. (2017). Effects of pros and cons of applying big data analytics to consumers’ responses in an e-commerce context. *Sustainability (Switzerland)*. 9 (5).p.pp 1-19.

Leemis, L.M., Luckett, D.J., Powell, A.G. & Vermeer, P.E. (2012). Univariate Probability Distributions. *Journal of Statistics Education*. 20 (3). p.pp 1-11.

Lei Xu, Chunxiao Jiang, Jian Wang, Jian Yuan, Yong Ren, Xu, L., Jiang, C., Wang, J., Yuan, J. & Ren, Y. (2014). Information Security in Big Data: Privacy and Data Mining. *IEEE Access*. 2. p.pp. 1149–1176.

Lu, C.J. & Chang, C.C. (2014). A hybrid sales forecasting scheme by combining independent component analysis with k-means clustering and support vector regression. *Scientific World Journal*. 2014.p.pp 2-6

Mahajan, K.N. (2017). *Business intelligent smart sales prediction analysis for pharmaceutical distribution and proposed generic model*. 8 (3). p.pp. 407–412.

MARUTI TECHLABS (2018). *Is Python the most popular language for data science? - Maruti Techlabs*. [Online]. 2018. Available from: https://www.marutitech.com/python-data-science/. [Accessed: 27 August 2018].

Matplotlib (2018). *Matplotlib*. [Online]. 2018. Available from: https://matplotlib.org/. [Accessed: 13 January 2019].

Matthew, R., Kevin, A.J. & Brian, D. (2015). The use of big data analytics in the retail industries in South Africa. *African Journal of Business Management*. 9 (19). p.pp. 688–703.

Mawer, C. (2017). *The Value of Exploratory Data Analysis*. [Online]. April. Available from: https://www.kdnuggets.com/2017/04/value-exploratory-data-analysis.html. [Accessed: 16 December 2018].

Methods, D.P. (2011). *Data Preprocessing Techniques for Data Mining*. p.pp 139-144

Methods, M.M.R. (2018). *Types of Data & Measurement Scales: Nominal, Ordinal, Interval and Ratio*. [Online]. 2018. Available from: https://www.mymarketresearchmethods.com/types-of-data-nominal-ordinal-interval-ratio/. [Accessed: 16 December 2018].

Minnich, A., Abu-El-Rub, N., Gokhale, M., Minnich, R. & Mueen, A. (2016). ClearView: Data cleaning for online review mining. *Proceedings of the 2016 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM 2016*. p.pp. 555–558.

Moura, J. & Serrão, C. (2015). Security and Privacy Issues of Big Data. *Handbook of Research on Trends and Future Directions in Big Data and Web Intelligence*. 2. p.pp. 20–52.

Muller, D., Te, F., Meyer, F. & Cvijikj, I.P. (2016). Towards data driven decision support for financial institutions: Predicting small companies business volume in Switzerland. *Proceedings - CSIT 2016: 2016 7th International Conference on Computer Science and Information Technology*. i. p.pp 1-4.

Nielsen, A. (2017). *Jupyter ( formerly IPython notebook ) What is Jupyter ?p.pp 1-29.*

Nunnari, G. & Nunnari, V. (2017). Forecasting monthly sales retail time series: A case study. *Proceedings - 2017 IEEE 19th Conference on Business Informatics, CBI 2017*. 1 (I). p.pp. 1–6.

Ojha, R., Singh, R. & Singh, A. (2017). Big data analysis: Structuring of data. *Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017*. 2017–Octob. p.pp. 144–147.

P., D. & Ahmed, K. (2016). A Survey on Big Data Analytics: Challenges, Open Research Issues and Tools. *International Journal of Advanced Computer Science and Applications*. 7 (2).p.pp 511-518.

Panthong, R. & Srivihok, A. (2015). Wrapper Feature Subset Selection for Dimension Reduction Based on Ensemble Learning Algorithm. *Procedia Computer Science*. 72. p.pp. 162–169.

Paradis, E. (2005). R For Beginners. *R For Beginners*. p.p. 76.

PAT RESEARCH (2018). *What is Data Analysis ?* [Online]. 2018. Available from: https://www.predictiveanalyticstoday.com/data-analysis/. [Accessed: 15 December 2018].

Perez-Riverol, Y., Kuhn, M., Vizcaíno, J.A., Hitz, M.P. & Audain, E. (2017). Accurate and fast feature selection workflow for high-dimensional omics data. *PLoS ONE*. 12 (12). p.pp. 1–14.

Polamuri, S. (2017). *HOW THE RANDOM FOREST ALGORITHM WORKS IN MACHINE LEARNING*. [Online]. 2017. Available from: http://dataaspirant.com/2017/05/22/random-forest-algorithm-machine-learing/. [Accessed: 2 September 2018].

Publications, C., Access, O., Gupta, A. & License, A. (2013). Sales Forecasting & Market Potential: Best Practices in India. *International Journal of Advanced Marketing and Research*. 1 (1). p.pp. 1–7.

RAY, S. (2015). *Simple Methods to deal with Categorical Variables in Predictive Modeling*. [Online]. 2015. Available from: https://www.analyticsvidhya.com/blog/2015/11/easy-methods-deal-categorical-variables-predictive-modeling/. [Accessed: 2 September 2018].

Razali, S.N.A.M., Rusiman, M.S., Zawawi, N.I., Hartanto, D., Agustinita, A., Mohamad, N.O. & Razali, C.E. (2017). *An Optimization of Inventory Demand Forecasting in University Healthcare Centre*.p.pp 1-11.

Rebekic, A., Loncaric, Z., Petrovic, S. & Maric, S. (2015). Pearson ’ s or spearman ’ s correlation coefficient – which one to use ? Pearsonov ili Spearmanov koeficijent korelacije – koji koristiti ? *Poljoprivreda*. 21 (2). p.pp. 47–54.

Rencher, A.C. & Schaalje, G.B. (2007). *Linear Models in Statistics*. p.pp 1-672.

S´anchez-Maro˜no, N., Alonso-Betanzos, A. & Tombilla-Sanrom´an, M. (2007). *Filter methods for feature selection. Acomparative study*. p.pp 1-10.

Sastry, S.H. & Babu, P.M.S.P. (2013). Implementation of CRISP Methodology for ERP Systems. *International Journal of Computer Science Engineering (IJCSE)*. 2 (05). p.pp. 203–217.

Schillaci, M.J. (2017). Perfectly Python. *Computing in Science & Engineering*. 19 (6). p.pp. 51–53.

Seetharaman, A., Niranjan, I., Tandon, V. & Saravanan, A.S. (2016). *Impact of big data on the energy transition*. 14 (1). p.pp. 506–518.

SRIVASTAVA, T. (2015). *Tuning the parameters of your Random Forest model*. [Online]. 2015. Available from: https://www.analyticsvidhya.com/blog/2015/06/tuning-random-forest-model/. [Accessed: 6 January 2019].

SYNCED (2017). *How Random Forest Algorithm Works in Machine Learning*. [Online]. 2017. Available from: https://syncedreview.com/2017/10/24/how-random-forest-algorithm-works-in-machine-learning/. [Accessed: 6 January 2019].

Tableau (2018a). *Data visualization beginner’s guide: a definition, examples, and learning resources*. [Online]. 2018. Available from: https://www.tableau.com/learn/articles/data-visualization. [Accessed: 2 September 2018].

Tableau (2018b). *Tableau Desktop*. [Online]. 2018. Available from: https://www.tableau.com/products/desktop. [Accessed: 2 March 2018].

Techopedia (2018). *Knowledge Discovery in Databases (KDD)*. [Online]. 2018. Available from: https://www.techopedia.com/definition/25827/knowledge-discovery-in-databases-kdd. [Accessed: 30 August 2018].

Tibco Community (2018). *Random Forest Template for TIBCO Spotfire*. [Online]. 2018. Available from: https://community.tibco.com/modules/random-forest-template-tibco-spotfirer. [Accessed: 2 September 2018].

Urbanowicz, R.J., Meeker, M., Olson, R.S. & Moore, J.H. (2017). *Relief-Based Feature Selection : Introduction and Review*. p.pp 1-34.

VanderPlas, J. (2016). *Python Data Science Handbook*. O’Reilly Media. p.pp 1-541.

Varma, J.R. & Virmani, V. (2016). Computational finance using QuantLib-Python. *Computing in Science and Engineering*. 18 (2). p.pp. 78–88.

Vasudev, R. (2017). *How to deal with Skewed Dataset in Machine Learning?* [Online]. 2017. Available from: https://becominghuman.ai/how-to-deal-with-skewed-dataset-in-machine-learning-afd2928011cc. [Accessed: 11 January 2019].

Velleman, P.F. & Wilkinson, L. (1993). Nominal, ordinal, interval, and ratio typologies are misleading (C/R: 93V47 p314-316; Com: 94V48 p61-62). *Am. Stat.* 47 (0). p.pp. 65–72.

Vorhies, W. (2016). *CRISP-DM – a Standard Methodology to Ensure a Good Outcome*. [Online]. 2016. Available from: https://www.datasciencecentral.com/profiles/blogs/crisp-dm-a-standard-methodology-to-ensure-a-good-outcome. [Accessed: 30 August 2018].

Wang, X. (2016). Application research on marketing data analysis using data mining technology. *Proceedings - 2016 International Conference on Smart Grid and Electrical Automation, ICSGEA 2016*. p.pp. 272–275.

XGBoost (2016). *Python API Reference*. [Online]. 2016. Available from: https://xgboost.readthedocs.io/en/latest/python/python\_api.html. [Accessed: 12 January 2019].

Xu, Z., Huang, G., Weinberger, K.Q. & Zheng, A.X. (2014). Gradient Boosted Feature Selection Categories and Subject Descriptors. *20th ACM SIGKDD international conference on Knowledge discovery and data mining*. p.pp. 522–531.

Yan, J., Gong, M., Sun, C., Huang, J. & Chu, S.M. (2015). Sales pipeline win propensity prediction: A regression approach. *Proceedings of the 2015 IFIP/IEEE International Symposium on Integrated Network Management, IM 2015*. p.pp. 854–857.

Zadeh, N.K., Sepehri, M.M. & Farvaresh, H. (2014). *Intelligent sales prediction for pharmaceutical distribution companies : A data mining based approach*. 2014. p.pp 1-15.

Zhang, Y., Ordonez, C. & Cabrera, W. (2016). Big Data Analytics Integrating a Parallel Columnar DBMS and the R Language. *Proceedings - 2016 16th IEEE/ACM International Symposium on Cluster, Cloud, and Grid Computing, CCGrid 2016*. p.pp. 627–630.

Zhang, Y. & Perry, D.E. (2016). Predicting inventory shipments of oracle EBS systems. *Proceedings - 2016 IEEE International Conference on Services Computing, SCC 2016*. p.pp. 515–522.

Zhang, Y., Zhong, M., Geng, N. & Jiang, Y. (2017). Forecasting electric vehicles sales with univariate and multivariate time series models: The case of China. *PLoS ONE*. 12 (5). p.pp. 1–15.

Zhou, Q., Huang, D. & Kun Huang (2015). *Forecasting sales using store , promotion , and competitor data*. p.p. 2.

Zhu, M. & Song, J. (2013). An embedded backward feature selection method for MCLP classification algorithm. *Procedia Computer Science*. 17. p.pp. 1047–1054.

# APPENDIX A: PYTHON CODES

1. Import Library

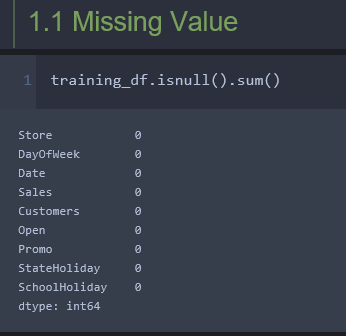
![A screenshot of text

Description generated with very high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4REQRXhpZgAATU0AKgAAAAgABAE7AAIAAAAXAAAISodpAAQAAAABAAAIYpydAAEAAAAuAAAQ2uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNIQU1FRSBNUklNTU9BRUUgQUhNRUQAAAAFkAMAAgAAABQAABCwkAQAAgAAABQAABDEkpEAAgAAAAMzMwAAkpIAAgAAAAMzMwAA6hwABwAACAwAAAikAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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1. Load Data



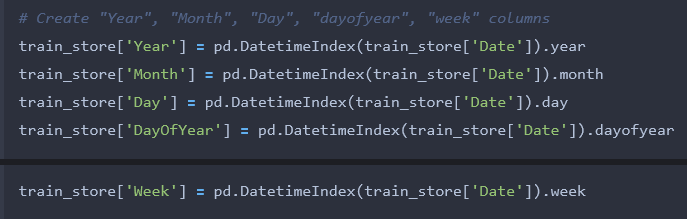
1. Finding Missing Value



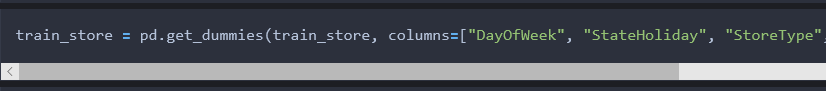
1. Data Integration



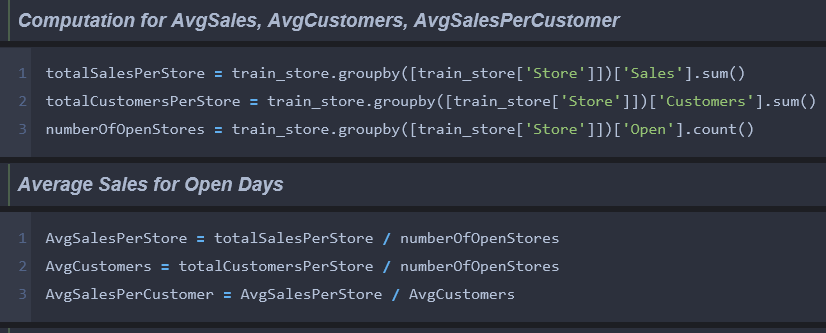
1. Splitting Date



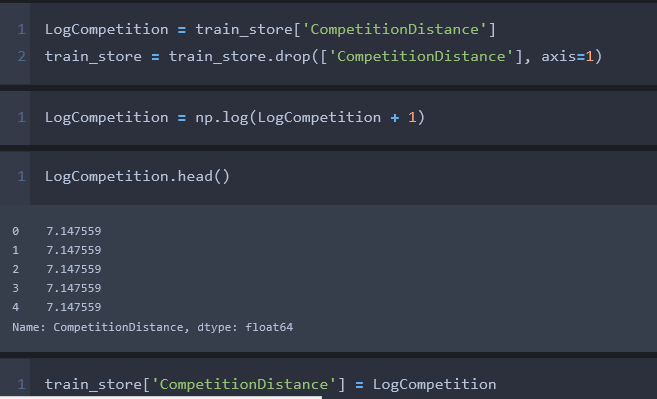
1. One Hot Encoding



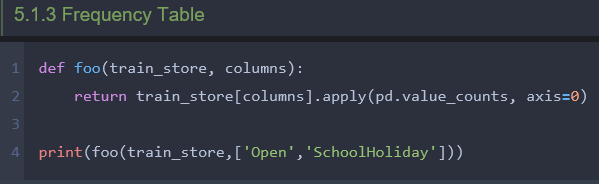
1. Additional Feature Creation



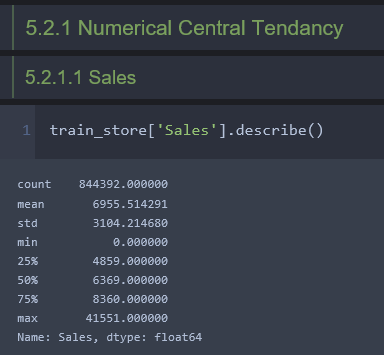
1. Log Competition Distance



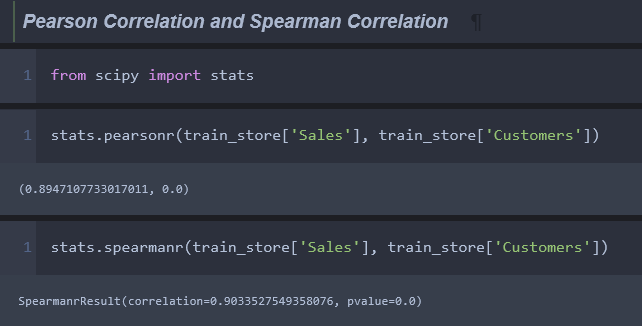
1. Frequency Table



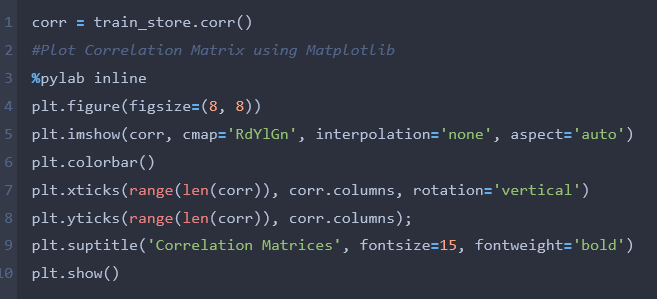
1. Numerical Central Tendency



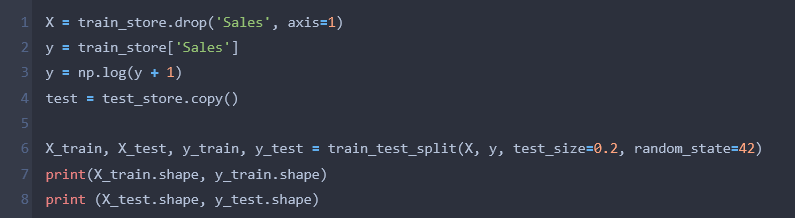
1. Pearson and Spearman Correlation



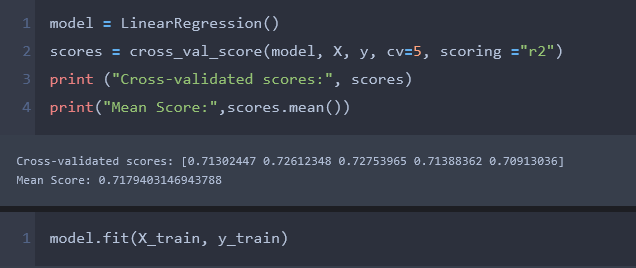
1. Correlation Analysis



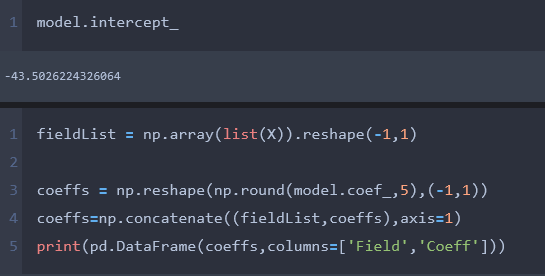
1. Train\_Test\_Split



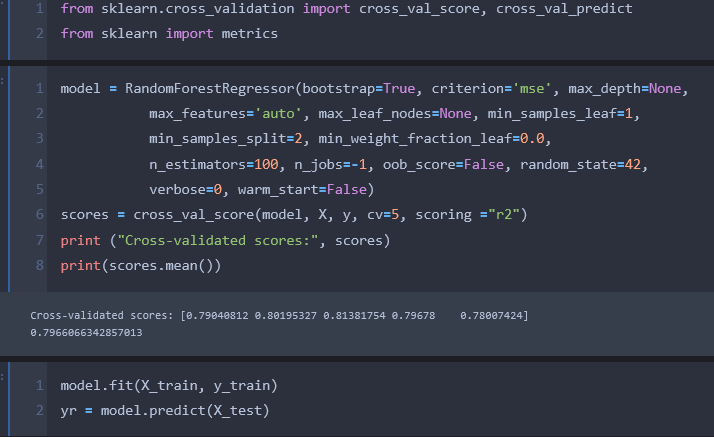
1. Linear Regression and Kfold cross validation



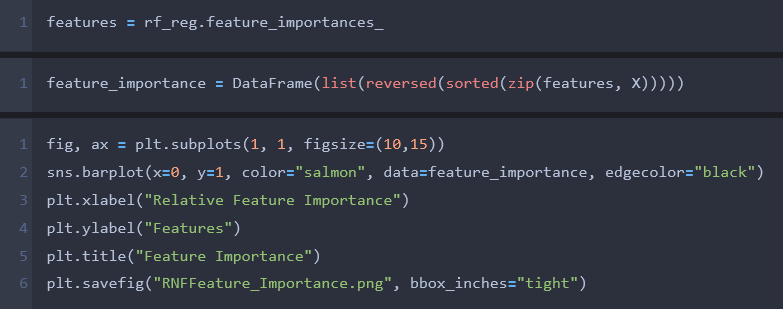
1. Calculation of intercept and Coefficient



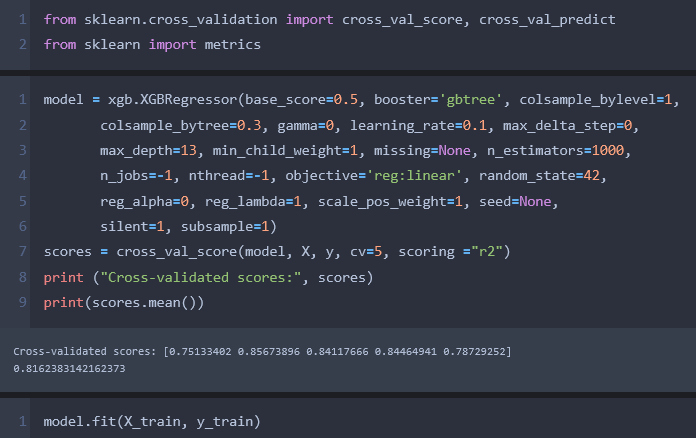
1. Random Forest Algorithm



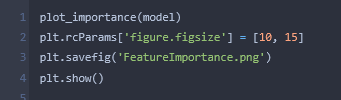
1. Random Forest Feature Selection



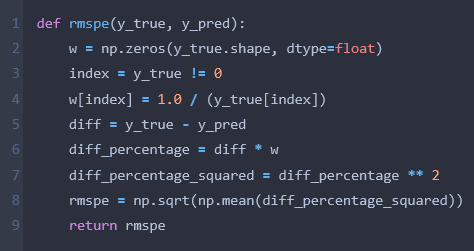
1. Xtreme Gradient Boosting



1. Xtreme Gradient Boosting Feature Selection



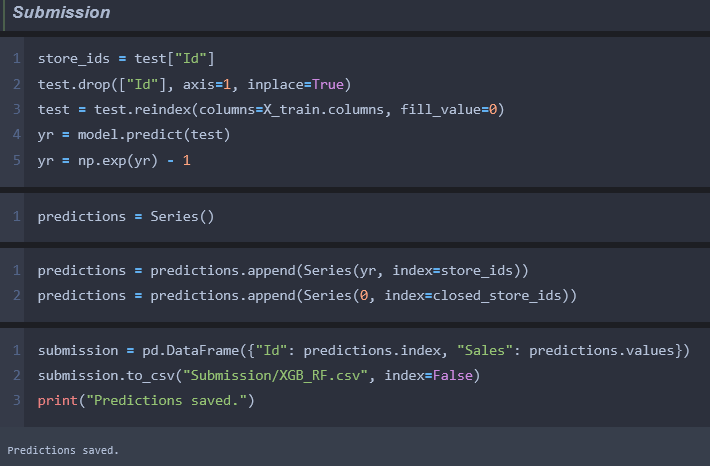
1. RMSPE Formula



1. RMSPE Calculation



1. Submission Code



# **APPENDIX B**

## 1. Turnitin Report………………………………………………………………………….1

## 2. FYP Poster………………………………………………………………………………2

## 3. Log Sheets………………………………………………………………………………3

## 4. PPF……………………………………………………………………………………...4

## 5. PSF……………………………………………………………………………………...5

## 6. Ethics Form……………………………………………………………………………..6

## 7. Gant Chart ………………………………………………………………………………7