Business Requirements Document

(Analysis of Hotel Dataset)

**Prepared by:** Nidhi Choudhary & Ritik Sinha

**Prepared for: Analysing the Business of hotels**

**Created Date:** 3rd November 2023

**Contents**

[Business Scope 3](#_Toc78816688)

[Problem Statement 3](#_Toc78816689)

[Methodology 3](#_Toc78816690)

[Data Description 4](#_Toc78816691)

[Data Preparation 6](#_Toc78816692)

[Architecture of the Project 7](#_Toc78816693)

[Visualizations in Power BI 8](#_Toc78816694)

[Team Structure 9](#_Toc78816695)

# **Business Scope**

## 

## Problem Statement

Prepare the data for analysis of Hotel Dataset that contains data from two different hotels: Resort hotel and City hotel. The data contains bookings due to arrive between the 1st of July of 2015 and the 31st of August 2017.

The dataset seems to have more categorical columns rather than continuous columns.

* Since the data is captured in real time, all data elements pertaining hotel or costumer identification were removed.
* Used to perform research in different problems like bookings cancellation prediction, customer segmentation, customer satiation, seasonality, among others.
* Descriptive analytics can be employed to further understand patterns, trends, and anomalies in data.
* The columns are categorical but can be used to determine proportionality according to need. For instance, **‘is\_cancelled’, ‘assigned\_room\_type’** and **‘country’** gives us valuable information on the proportionality of the guest profiles pertaining to each attribute.
* **‘arrived\_date\_month’** gives us valuable insights about monthly trends on analysis of categorical and continuous variables.
* There was a total of 32 variables out of which 19 were Categorical and 13 were continuous.

# **Methodology**

* Original CSV file was uploaded in Azure blob (storage component of Azure)
* Contents from the CSV file was imported into a SQL database via a Azure pipeline
* Created two linked services; each for connecting Azure Blob and SQL database were created to connect the end files
* Used copy data pipeline component in Azure Data Factory to clean and transfer the file from BLOB storage to SQL database
* Uploaded the data after applying necessary cleaning and transformations within Azure Data Factory and created the Reporting view.
* After pulling data from reporting view, Power Bi was used to create visualizations to help answer the business problems.

# **Data Description**

The given dataset for this project contains booking information for a City Hotel and a Resort Hotel in the time span of **1st of July of 2015** and the **31st of August 2017**.

Dataset contains the following details:

1. **hotel**

**(**Categorical Variable)

This column in the data represent whether it as the City Hotel or Resort Hotel

* This column is used for the categorization of all visualization-based inferences amongst the City and Resort hotels.

1. **is\_canceled**

**(**Categorical Variable)

This column indicates whether the booking was canceled or not.

* In most of our analysis, bookings that were not canceled were considered, to get actual guest numbers. Else, there would be a quite big difference as there were a lot of cancellations.

1. **lead\_time**

This column show the number of days that elapsed between the entering date of the booking into the PMS (Property Management System) and the arrival date.

1. **arrival\_date\_year**

**(**Categorical Variable)

This column displays the year of arrival date.

1. **arrival\_date\_month**

**(**Categorical Variable)

This column displays the month of arrival date

1. **arrival\_date\_week\_number**

**(**Categorical Variable)

This column displays the week number of year for arrival date

1. **arrival\_date\_day\_of\_month**

**(**Categorical Variable)

This column displays the day of arrival date

1. **stays\_in\_weekend\_nights**

(Continuous Variable)

It shows the number of weekend nights (Saturday or Sunday) the guest stayed or booked to stay at the hotel

1. **stays\_in\_week\_nights**

(Continuous Variable)

This column shows the number of week nights (Monday to Friday) the guest stayed or booked to stay at the hotel.

1. **adults**

(Continuous Variable)

It displays the number of adults in the guests. Each row displays the adults present in the particular family.

1. **children**

(Continuous Variable)

This column gives the number of children among the guests. Each row displays the children present in the particular family.

1. **babies**

(Continuous Variable)

This column gives the number of babies among the guests. Each row displays the babies present in the particular family.

1. **meal**

**(**Categorical Variable)

This column gives the information on the type of meal bookedeach family.

There are four categories in standard hospitality meal packages:

* Undefined/SC – no meal package
* BB – Bed & Breakfast
* HB – Half board (breakfast and one other meal – usually dinner)
* FB – Full board (breakfast, lunch and dinner)

1. **country**

**(**Categorical Variable)

This shows the country of origin of each family/guests. Categories are represented in the ISO 3155–3:2013 format. There are guests whose country of origin is not recorded.

1. **market\_segment**

**(**Categorical Variable)

This column shows the market segment designation.

There are two categories for market segments

* TA - “Travel Agents”
* TO - “Tour Operators”

1. **distribution\_channel**

**(**Categorical Variable)

This refers to the booking distribution channel that the guests took to do their booking.

The two categories present are

* TA - “Travel Agents”
* TO - “Tour Operators”

1. **is\_repeated\_guest**

**(**Categorical Variable)

This column shows whether the booking was from a repeated guest or not.

1. **previous\_cancellations**

(Continuous Variable)

It shows the number of previous bookings that were cancelled by the customer prior to the current booking.

1. **previous\_bookings\_not\_canceled**

(Continuous Variable)

The rows under this head gives the number of previous bookings not cancelled by the customer prior to the current booking.

1. **reserved\_room\_type**

**(**Categorical Variable)

This column shows the code of room type reserved by the guests. Here, the code is presented instead of designation for anonymity reasons.

1. **assigned\_room\_type**

**(**Categorical Variable)

It displays the code for the type of room finally assigned to the booking. Here too, code is presented instead of designation for anonymity reasons.

Sometimes the assigned room type differs from the reserved room type due to hotel operation reasons (e.g. overbooking) or by customer request itself.

1. **booking\_changes**

(Continuous Variable)

This shows the number of changes or amendments made to the booking from the moment the booking was entered on the PMS until the moment of check-in or cancellation.

1. **deposit\_type**

**(**Categorical Variable)

This column is an indication on if the customer made a deposit to guarantee the booking.

This column can assume three categories:

* No Deposit – no deposit was made
* Non Refund – a deposit was made in the value of the total stay cost
* Refundable – a deposit was made with a value under the total cost of stay.

1. **agent**

**(**Categorical Variable)

This column gives the ID of the travel agency that made the booking for the guests.

1. **company**

**(**Categorical Variable)

Here, the ID of the company or entity that made the booking or responsible for paying the booking is displayed. ID is presented instead of designation for anonymity reasons.

1. **days\_in\_waiting\_list**

(Continuous Variable)

Here the customer type is mentioned based on the type of booking made.

There are four categories:

* Contract - when the booking has an allotment or other type of contract associated to it
* Group – when the booking is associated to a group
* Transient – when the booking is not part of a group or contract, and is not associated to other transient booking
* Transient-party – when the booking is transient, but is associated to at least other transient booking

1. **customer\_type**

**(**Categorical Variable)

Customer is classified based on the type of booking made

There are four categories:

* Contract - when the booking has an allotment or other type of contract associated to it
* Group – when the booking is associated to a group
* Transient – when the booking is not part of a group or contract, and is not associated to other transient booking
* Transient-party – when the booking is transient, but is associated to at least other transient booking

1. **adr**

(Continuous Variable)

This column gives the values of ADR (Average Daily Rate). It is defined as the ratio of the sum of all lodging transactions to the total number of staying nights.

1. **required\_car\_parking\_spaces**

(Continuous Variable)

This column displays the number of car parking spaces required by the customer.

1. **total\_of\_special\_requests**

(Continuous Variable)

Number of special requests made by the customer such as requirement of twin beds or high floor e.t.c is displayed in this column.

1. **reservation\_status**

**(**Categorical Variable)

This column shows the last status of the reservations.

There are three categories:

* Canceled – booking was canceled by the customer
* Check-Out – customer has checked in but already departed
* No-Show – customer did not check-in and did inform the hotel of the reason why

1. **reservation\_status\_date**

**(**Categorical Variable)

This column shows the date at which the last status was set.

This variable can be used in conjunction with the reservation\_status to understand when was the booking canceled or when did the customer checked-out of the hotel.

# **Data Preparation**

The dataset should be cleaned for further analysis as below anomalies are present in the data.

​

* There were a lot of **true duplicates** present in the data set, which infers there are no identifiers for the data, as all personally identifying information were removed from the data before-hand. Primary key was absent.​

​

* Null values in **country** table were replaced by "unassigned" while Azure data cleansing was done.​
* **Average Daily Rate (adr)** is the ratio of sum of all lodging transactions and the total number of staying nights. This cannot be negative. Hence negative**adr** values were removed. There was only a single row with negative adr. This can be treated as a system error. ​
* Rows having **zero occupants in the room were deleted** since you can’t book and bill the rooms without any occupant
* The columns **'stays\_in\_weekend\_nights'** and **'stays\_in\_week\_nights'** were combined to give the **‘total stays’** in a week and columns **'adults'**, '**children**' and '**babies'** were combined to form **'total\_occupants'**  to make our analysis efficient.
* The column **'is\_cancelled'** was counted and grouped with respect to year and month, to get exact count of cancellations in particular month of a particular year.​
* We have taken only selected number of fields: **hotel,** **is\_canceled, arrival\_date\_year, arrival\_date\_month, arrival\_date\_week\_number, stays\_in\_weekend\_nights ,stays\_in\_week\_nights, country, market\_segment, assigned\_room\_type ,deposit\_type, adr** for reporting in Power BI.

# **Architecture of the Project**

In this project we are working on azure resources. We had to build pipeline in Azure data factory which can read, transform and write data to SQL Database.

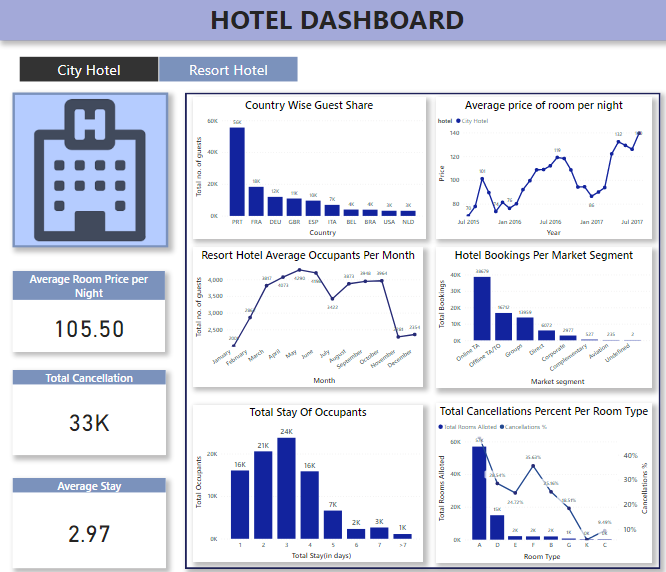
![Graphical user interface, diagram, application

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAkACQAAD/4RDyRXhpZgAATU0AKgAAAAgABAE7AAIAAAANAAAISodpAAQAAAABAAAIWJydAAEAAAAaAAAQ0OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFNoaXZhbSBLdW1hcgAAAAWQAwACAAAAFAAAEKaQBAACAAAAFAAAELqSkQACAAAAAzQxAACSkgACAAAAAzQxAADqHAAHAAAIDAAACJoAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjA4OjAyIDE2OjQ0OjU3ADIwMjE6MDg6MDIgMTY6NDQ6NTcAAABTAGgAaQB2AGEAbQAgAEsAdQBtAGEAcgAAAP/hCx9odHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA4LTAyVDE2OjQ0OjU3LjQwNzwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5TaGl2YW0gS3VtYXI8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgCHwR8AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+kaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKpalNNGLaC2cRyXM3lCQrnYNrMTj1wpH41MpKKuyoxcnYu0VQ/s66/6DN7/3xB/8bo/s66/6DN7/AN8Qf/G6jnl/K/w/zL5I/wAy/H/Iv0Vj3Pl2U9tBeeJZreW6fy7eOVrdWmbGdqgx/Mcc4FWf7Ouv+gze/wDfEH/xujnl/K/w/wAw5I/zL8f8i/RVD+zrr/oM3v8A3xB/8bo/s66/6DN7/wB8Qf8Axujnl/K/w/zDkj/Mvx/yL9FUP7Ouv+gze/8AfEH/AMbqkLi1OsHSR4qb+0hH5psvMtvOCf3tmzdj3xRzy/lf4f5hyR/mX4/5G5RVD+zrr/oM3v8A3xB/8bo/s66/6DN7/wB8Qf8Axujnl/K/w/zDkj/Mvx/yL9FUP7Ouv+gze/8AfEH/AMbo/s66/wCgze/98Qf/ABujnl/K/wAP8w5I/wAy/H/Iv0VQ/s66/wCgze/98Qf/ABuj+zrr/oM3v/fEH/xujnl/K/w/zDkj/Mvx/wAi/RVD+zrr/oM3v/fEH/xuj+zrr/oM3v8A3xB/8bo55fyv8P8AMOSP8y/H/Iv0VQ/s66/6DN7/AN8Qf/G6P7Ouv+gze/8AfEH/AMbo55fyv8P8w5I/zL8f8i/RVD+zrr/oM3v/AHxB/wDG6P7Ouv8AoM3v/fEH/wAbo55fyv8AD/MOSP8AMvx/yL9FUP7Ouv8AoM3v/fEH/wAbo/s66/6DN7/3xB/8bo55fyv8P8w5I/zL8f8AIv0VQ/s66/6DN7/3xB/8bo/s66/6DN7/AN8Qf/G6OeX8r/D/ADDkj/Mvx/yL9FUP7Ouv+gze/wDfEH/xuj+zrr/oM3v/AHxB/wDG6OeX8r/D/MOSP8y/H/Iv0VQ/s66/6DN7/wB8Qf8Axuj+zrr/AKDN7/3xB/8AG6OeX8r/AA/zDkj/ADL8f8i/RWTfR3mnWM16mpTz/Z0MrRTRx7XVRkj5VBBwOua1qcZ8zaasTKHKk07hRRRWhAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFUNR/4/tK/wCvtv8A0RLV+s/VkuNtrPZwG4lt7gSeUGC7gVZDySB0Yn8Kyq/Bf0/M1pfFb1/Ik1ckaHfEHBFvJgj/AHTXzP4L1O+8K+B4PDWltJHL44sIW0yRQdsNy0n2e4bPYiPbJn/Zr6Te+nkjZJNEvGVhhlZoCCPT/WVQi0/T4BYiHweI/wCzt32LZDaj7Lu4by/n+TPfGM0e1j5/c/8AIPZS8vvX+Z4v4Nb+wLvQ9L06OAWw8c6hagS28cjJGqYG1mUlDgYyuDW7/wAJt4nm+Ct/44PiL7NqM8Fw0Wlm2gKWjJOEATK7yVUYbeWzu6LxXpaadp8ciSR+D1R47hrpGWC1BWZvvSg7+HPdupqJtF0d5b2R/BELSagMXjm2tCbkZz+8O/5+eec80e1j5/c/8g9lLy+9f5nLHVfEU3izQvDM3ia4tFu9Ik1W41NLa3DySAqvkxh4yixruLchnxgFupPMR/EbxfL4Q0TxJfXckOlW9lM2pz6bDbySmQT+VDPLDLyYHCE4hKk5fBAC16rqenadrdtDb6z4PXUIIDmKK7gtZVj4x8oZyBxxxTbzS9M1B7N7/wAGJdNYgC0ae3tXNvjGNmX+XoOmOgo9rHz+5/5B7KXl96/zPOtc8e+JE0fxb4ksdUa3Oga2mnWmiLbxMl5GGiGXLIZS0gkJGxlxt4B5rlfFWmXjwfGSUa5qBW3ktTJDsg23AMYID/usgKOBsK8DnJ5r2+bTNNuNaTWJ/BqS6nHjZevBamZcDAxIX3DA96lNtaH7fnwox/tJdt7+7tv9KG3biT5/nG045zxxR7WPn9z/AMg9lLy+9f5lW61dPBnwxm1bUb6bUBp9iZ/OuBGrzHGUT5FVeSVUYA7ZycmvLfhndL4V8WxaXdT6jZf8JPpBuru5vbGW22akm55innxhWGyQnIyPkGRg16wunacuiro6+DlXTEO5bEQWvkqd2/Ij37fvfN0689al1G3tdXWNdW8KtfCLcYxcx20mzcNpxuc4yCQfY0e1j5/c/wDIPZS8vvX+Z5ba+MPFkfhSx8RDX7qfTtW8UWtnYG8tbdXOn+YUZ32xJgyHJ6ZAC4PJJNf+IPiVbzXYNH1qOPyPFlnpNvILeKVYYpExIhGPmIfOcnIIxkV6HB4a8PW1lc2dt4AtIrW72i5gjs7NUn2nK71DYbB5GehqaPRtIhhWGLwTCkSyRzBFtrQKHjG2Nsb/ALygAA9QBxR7WPn9z/yD2UvL71/mcHrXiDx2/jHXfDvhmXU7u40OztXtWWOwAvJJAWLXJl2HZxs/cgY5J5xn1y2eWS0he5i8mZkUyRht2xscjPfBrA1bR9J1+aObXfBUWpyxrtR7y2tZmQdcAs5wK1BqFyqgLo16AOAA8HH/AJEo9rHz+5/5B7KXl96/zNCiqH9o3X/QGvf++4P/AI5R/aN1/wBAa9/77g/+OUe1j5/c/wDIPZS8vvX+Zfoqh/aN1/0Br3/vuD/45R/aN1/0Br3/AL7g/wDjlHtY+f3P/IPZS8vvX+Zfoqh/aN1/0Br3/vuD/wCOUf2jdf8AQGvf++4P/jlHtY+f3P8AyD2UvL71/mX6Kof2jdf9Aa9/77g/+OUf2jdf9Aa9/wC+4P8A45R7WPn9z/yD2UvL71/mX6Kof2jdf9Aa9/77g/8AjlH9o3X/AEBr3/vuD/45R7WPn9z/AMg9lLy+9f5l+iqH9o3X/QGvf++4P/jlH9o3X/QGvf8AvuD/AOOUe1j5/c/8g9lLy+9f5l+iqH9o3X/QGvf++4P/AI5R/aN1/wBAa9/77g/+OUe1j5/c/wDIPZS8vvX+Ya9/yLmpf9ekv/oBq/WPqM17f6bcWkWlXMZnjaMtLJFgAjBxhzk46ds9xV4XcxtTKdPuQ4bAhLR7iPX7+3H45qIzTqN2ey6PzLlB8iV1u+q8i1RVWS7mSKJl0+4kL/eRWjzH9cuB+RNPa4kW7WIWkzIes4KbF+oLbv0rXnX9JmXI/wCmieiq8dzK80iNZzxqmdsjMm1/phiefcCmpdzNbPKdPuUdTgQlo9z+4w+PzIo51/SYcj/potUVVe7mW3SRdPuXdjzErR7k+uXx+RNPe4lS4jjWzndXA3SqybU+uWB/IGjnX9JhyP8AponoqBLiRrpomtJkRekzFNjfTDbvzFMju5nhkdtPuY2T7sbNHuf6Ycj8yKOdf0mHI/6aLVFVWu5harKNPuWctgwho9yj1Pz7cfjnmnSXMqNEFsbiQSAbirR4j+uWH6Zo51/SYcj/AKaLFFQC4kN4YfskwjH/AC3ymw8em7d7dKbHdTOsxaxuI/LGVDNH+89lwx/XHWjnX9Ji5X/TRZoqr9rm+y+b/Z9zv3Y8ndHvx6/f24/GlkupkSJlsLiQyDLKrR5j+uXH6Z6Uc68/uY+R/wBNFmioGuJBdiEWcxQ9ZwU2D8N279KSO5leSVWsp4wmdrs0eJPphieffFPmX9Ji5X/TLFFVVu5mtXlOn3KupwIS0e5vcfPt/MjpRJdzJbxyLp9zIzdYlaPcn1y4H5E0udef3MfI/wCmi1RUD3EqXKRLZzOjAZmUptX65YH8gaEuJXuXiazmRFBxMxTa30wxP5gU+ZXt+jFyu1/1J6Kqx3cz28kjafcxsvSJmj3P9MOR+ZFDXcy2qSjT7lnY4MIaPcvufn2/kT1pc68/uY+R/wBNFqiq8lzKkkSrZTyB8bnVo8R/XLA8e2aVbiQ3ZhNnMEHSclNh/Ddu/SnzL+kxcr/pk9FVo7qZ0lZrC4jMYyqs0eZPphz+uOtJ9rm+y+b/AGfc792PJ3R78ev39uPxpc68/uY+R/00WqKrSXUyLCVsbiTzBlgrR/u/ZssP0z0pxuJBeCH7JMYz/wAt8psHHpu3e3SjnX9Ji5X/AE0T0VXjuZXaUNY3EYjB2lmjxJ9MMf1xTVu5jatKdPuVcNgQlo9zD1Hz7cfjnijnX9Jj5H/TRaoqrJdzJDG66fcyM/3o1aPcn1y4H5E097iRbpYltJnRusylNi/XLbvyFHOv6TDkf9NE9FQJcSvcSRtZzoqA7ZWZNr/TDE/mBTEu5mt3kbT7lHU8RM0e5/ph8fmRRzr+kw5H/TRaoqq93Mtsko0+5d2ODCGj3J7nL4/ImnSXMqTRotnPIr43SKybU+uWB49gaOdf0mHI/wCmixRUC3EjXbRG0mVB0nJTY30Abd+lMju5nilZtPuIyn3UZo8yfTDkfmRRzr+kw5H/AE0WqKqm7mFqJRp9yXLYMIaPcB6/f24/HNLJdSoYttjcSeYAW2tH+7/3ssP0zRzr+kw5H/TRZoqD7RJ9s8n7JN5f/PfKbOnpu3e3Smx3Ur+busbiPywSu5o/3n+7hj+uKOdf0mLlf9NFmiqou5jamX+z7kOGx5O6PcR6/f24/HNEl3MkcTLp9xIXHzIrR5j+uXA/ImjnXn9zHyP+mi1RUDXEi3awi0mZD1nBTYPw3bv0pI7mV5pUaynjVM7ZGZMSfTDE8+4FPmX9Ji5X/TLFFVVu5mtnlOn3KupwIS0e5/cYfH5kdKHu5kt45F0+5dm6xK0e5Prl8fkTS515/cx8j/potUVBJcSpcRxrZzujAZlVk2p9csD+QNCXEj3TRNaTIi9JmKbW+mG3fmKfMr2/Ri5Xa5PRVWO7meCR20+5jZPuxs0e5/phyPzIoa7mFqso0+5Z2bBhDR71Hqfn24+h70udef3MfI/6aLVFV5LmVHiC2M8gcDcytHiP65YfpmlFxIbww/Y5hGP+W+U2Hj03bvbpRzr+kxcr/pk9FRWtwl3Zw3MWfLmjWRcjBwRkVLVJpq6E007MKKKKYgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqrdxxvc2LSS7GjnLIv98+W4x+RJ/CrVVbswC6sRMrFzORCR0VvLfk+23d+YqJ7fNfmXDf7/wAi1RRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVtNkWbSrSRIRArwowiHSMFR8v4dKs1BYm4bT7c3o23BiUygY4fAz0981PUQ+FFT+JhRRRVkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVe5kKXFmohEgeYqWIz5Y8tzu9umP+BVYqC4Fx59r5BxH5p8/pymxsf+PbelRPb7vzKjv9/5E9FFFWSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBX09Hi0y1jlm890hRWlBzvIAy2e+etWKq6YsKaRZraOzwCBBE7Dll2jBP4VaqKfwIufxsKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKrXUYe4s2Mwj8uYsFJ/1v7txtH55/wCA1Zqrd+R9qsfO3b/PPk46bvLfr7bd36VE9vmvzLhv9/5FqiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAq6ZJFLpFnJbx+VE8CMkec7FKjA/AVaqCxeaXT7eS6QRztErSoBjaxAyPzqeoh8CLn8TCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACq11IqXNkrQiQyTlVY/wDLM+W53fkCP+BVZqC4acT2ogGUMpEx9E2N/wCzbaie33fmVHf7/wAieiiirJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAgsUmi0+2junEk6xKsjg53MAMnP1qequmJFFpFnHbyebCkCLHJjG9QowfxFWqiHwIufxMKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKr3MbvcWjJL5YSYs67seYPLcbffkg/hViqt2sLXViZnZXWcmEAfeby3GD/wABLH8Kie33fmXDf7/yLVFFFWQFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBV0xoX0iza0Ro4GgQxIxyVXaMA/hVqq+nu8um2sksPkSNCjNEFxsJAyuO2OlWKin8CLn8bCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt3JElzYrLHvZ5ysbZ+43luc/kCPxq1UFw8yT2ohjDI8pWUkfcXYxz/wB9BR+NRPb7vzLhv9/5E9FFFWQFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBBYrOun263jbrgRKJSO74Gf1qeq2mxrDpVpFHMJ1SBFWUdJAFHzfj1qzUQ+FFT+JhRRRVkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUFwkzz2phcKiSlpRn7y7GGP++ip/Cp6q3ccT3Vi0smxknLRrj77eW4x+RJ/Cont935lw3+/8i1RRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFUNd1KbSNCu7+20+41KW3j3raWwzJKfRRV+iqg0pJyV12Agsbh7zT7e5kt5LZ5olkaCUYeIkAlW9x0NT0UUm03dAFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCrphgOkWf2QMLfyE8oP127RjPvirVVtNkEulWkghFuHhRhEowI8qPl/DpVmop/AvQup8bCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt20K3ViJkZnaciEg/dby3OT/AMBDD8atVXuZHS4tFSHzA8xVmxnyx5bnd7cgD/gVRPb7vzLhv9/5FiiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAgsftB0+3+2jFz5S+cBj7+Bu6cdc1PVfT4zFpdrG0wnKQoplBz5mFHzZ9+tWKiHwoqfxMKKKKskKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiobm7trOMPd3EUCE4DSuFB/Oq39vaR/wBBWy/8CE/xqJVIRdpNIuNOcldJl+iqH9vaR/0FbL/wIT/Gj+3tI/6Ctl/4EJ/jU+2pfzL7yvY1P5X9xfoqh/b2kf8AQVsv/AhP8aP7e0j/AKCtl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv/AhP8aP7e0j/oK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/wDAhP8AGj+3tI/6Ctl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv/AAIT/Gj+3tI/6Ctl/wCBCf40e2pfzL7w9jU/lf3F+iqH9vaR/wBBWy/8CE/xo/t7SP8AoK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/8CE/xo/t7SP+grZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/AMCE/wAaP7e0j/oK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/8AAhP8aP7e0j/oK2X/AIEJ/jR7al/MvvD2NT+V/cX6Kr21/Z3u77HdQXG3r5UgbH5VYrRSUldGbTi7MKguBcGe1MBxGJSZhxymxsf+PbanqtdRq9zZM0wjMc5ZVP8Ay0PluNv5En/gNTPb7vzHHf7/AMizRRRVkhRRUc9xDbRGW5lSGMdXkYKB+JpNpK7Gk27Ikoqh/b2kf9BWy/8AAhP8aP7e0j/oK2X/AIEJ/jWftqX8y+809jU/lf3F+iqH9vaR/wBBWy/8CE/xo/t7SP8AoK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/8CE/xo/t7SP+grZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/AMCE/wAaP7e0j/oK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/8AAhP8aP7e0j/oK2X/AIEJ/jR7al/MvvD2NT+V/cX6Kof29pH/AEFbL/wIT/Gj+3tI/wCgrZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/wIT/Gj+3tI/6Ctl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv8AwIT/ABo/t7SP+grZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/wACE/xo/t7SP+grZf8AgQn+NHtqX8y+8PY1P5X9xfoqh/b2kf8AQVsv/AhP8amttTsLyTZaXtvO4GdsUqsfyBpqrTbspL7xOnUSu4ss0UUVoZhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRUV1cxWdq9xOSI0GTgZJ9AB3OeKqDUrkgEaPfYPTLQj9DJUSqRi7P/MuNOUldGhRVD+0br/oDXv8A33B/8co/tG6/6A17/wB9wf8Axyp9rHz+5/5Feyl5fev8y/RVD+0br/oDXv8A33B/8co/tG6/6A17/wB9wf8Axyj2sfP7n/kHspeX3r/Mv0VQ/tG6/wCgNe/99wf/AByj+0br/oDXv/fcH/xyj2sfP7n/AJB7KXl96/zL9FUP7Ruv+gNe/wDfcH/xyj+0br/oDXv/AH3B/wDHKPax8/uf+Qeyl5fev8y/RVD+0br/AKA17/33B/8AHKP7Ruv+gNe/99wf/HKPax8/uf8AkHspeX3r/Mv0VQ/tG6/6A17/AN9wf/HKP7Ruv+gNe/8AfcH/AMco9rHz+5/5B7KXl96/zL9FUP7Ruv8AoDXv/fcH/wAco/tG6/6A17/33B/8co9rHz+5/wCQeyl5fev8y/RVD+0br/oDXv8A33B/8co/tG6/6A17/wB9wf8Axyj2sfP7n/kHspeX3r/Mv0VQ/tG6/wCgNe/99wf/AByj+0br/oDXv/fcH/xyj2sfP7n/AJB7KXl96/zL9FZ0mqzQxtJNpN8kajLNmJto9cK5J/AVfjkSaJJImDI6hlYdwehqozjJ2RMoSirsdRRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVdMEC6RZi0ZntxAgiZupXaME++KtVV0ySObSLOWGLyY3gRkjB+4CowPwq1UU/gVuxdT43cKKKKsgKKpPrWlxSFJdSs0dTgq06gj9ab/AG9pH/QVsv8AwIT/ABrL21P+Zfeaeyqfyv7i/RVD+3tI/wCgrZf+BCf40f29pH/QVsv/AAIT/Gj21L+ZfeP2NT+V/cX6Kof29pH/AEFbL/wIT/Gj+3tI/wCgrZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/wIT/Gj+3tI/6Ctl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv8AwIT/ABo/t7SP+grZf+BCf40e2pfzL7w9jU/lf3F+iqH9vaR/0FbL/wACE/xo/t7SP+grZf8AgQn+NHtqX8y+8PY1P5X9xfoqh/b2kf8AQVsv/AhP8aP7e0j/AKCtl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv/AhP8aP7e0j/oK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/wDAhP8AGj+3tI/6Ctl/4EJ/jR7al/MvvD2NT+V/cX6Kof29pH/QVsv/AAIT/Gj+3tI/6Ctl/wCBCf40e2pfzL7w9jU/lf3F+iqH9vaR/wBBWy/8CE/xo/t7SP8AoK2X/gQn+NHtqX8y+8PY1P5X9xfoqh/b2kf9BWy/8CE/xo/t7SP+grZf+BCf40e2pfzL7w9jU/lf3F+iq1tqdheSbLS9t53AztilVj+QNWauMlJXi7mcouLs0FFFFUIKKKKACiiigDORFk8Szs6hjFaReWSPu7nk3Y+u1fyrM+IHi4eBPAuo+IzZfbvsXl/6OJfL375FT72DjG/PQ9K1Yf8AkY7z/r0g/wDQ5qwfil4UvvG/w11Tw9pUtvDd3nk+W9yzLGNkyOclQT0U9utZUvhfq/zNavxL0X5EGnfEBk8Q6xo3iiwg0y40q2huXltLtrqKRJDtVQfLRvMLYATaSxIxnIq7b/EXwxcSRxjUJIppNQTTRDcWc8Mi3LpvRGR0DLuXkFgAcHB4rlr/AOG+v6VeeIYfh/e2Oi6TrEMEqW8cjwGC5RwJAgRD5ayRDBdTuBxgcZqhF8KNdbTfFLvNZQahqV7ZX+m79RuLv7PLbkEeZNKm9s4xnB4JGBgVqZHeD4geGGt7mZdUVkttTGkS7YZCVuyQBHgLk8kDcMr78Gm674wGh+OPDPh5rLzRrwuybnzdv2fyIhJ93ad27OOox71xWi/CfWLHxVol5fXtjLp0Jh1DU4ULb5dSRJh5iArgpmUHJIPyDiuq8UeEb/W/iH4R161lt0tdEW/FwkjMHfz4RGmwAEHBHOSOOmaALGkfEjwprt1ZQaXqjTNqEby2jNazIlwEGXCOyBWZR1UHcOcjim6R8TPCWu3Vnb6Xq3nPfI72rNbSok+wAuquyBSyg5KA7h3Fcdofwu1vRtE8BQXF1YM/hhr17wxyORIJg+3y8oM/eGc7fxrC+EvhbWPEfgfwDd3T2Nvo+jPdXKPFI5uJ3Z5ECFCoVQCWJbc2eBgc0AeqW/xA8NXVnpF1bag80WtCU6f5drMzXHlKWfChMggKeCAT0Gag+H3jqHx7oct/FYXNi8UzxNHLFJtIDsoKyMihiduSFyVJwcGuP8L/AAz8UaRdeCoNQuNIax8KS3WJIJZTLdJKsgDbSgCEZUFctnk7uAD1nw68Nar4R0W70fUvscltHeTTWlxbzMzypJK7/vEKAIQCvRmzz0xyAZ+jePta1/R9Z1W10jTLHTdNlvIDdXOoSyOGgDYcwpBypIGQHyBnGSADU0L4l3N14tsbHVrjShpcnhJNduL+BJI0EnnbGKmQgiLbyAyhvU9qTw98KY9K8M+II7yx0eTXdRmvmttRSEF40nDBVMhQOMBiCBkcnrWJ/wAKW1a7gitr3ULKKL/hC00B5IWd2Fws4lDgFRmPjrkH270Ael6D4v0XxNLNFpFzK00MaSvFcWstu+x87HCyqpKnBwwBHvW3XE+CfCFxoupPqOraZbxaj9jS0+2R69d6g0iA7iu2dR5a7uQAT1P49tQAUUUUAFFFFABRRRQBnX6KuqaXKqgSGdoywHJUxO2PplQfwrRqhqP/AB/6V/19t/6Ilq/WVP4pev6I1n8MfT9WFVbvyPtVj527f558nHTd5b9fbbu/HFWqrXUgS4s1MIk8yYqGI/1f7tzuH5Y/4FVT2+a/MmG/3/kWaKKKsgKzrlFl8QWKyKGVIJpFBHRg0YB+uGb860aoTf8AIx2f/XpP/wChw1lV+H5r80a0vi+T/Jl+uG8MfEyLxH401DQzpjWsESzPYX3nb1v1hl8qUqu0Y2tjjJyOa6vXI9Rm0C/i0N4Y9Skt3W1knYhEkKkKzEAnAODwO1ecWnwn1fQk8H3OjeIJLu78PShXgvhFHCYZFxcKjRwiTLHkby3vzzWpkdO/xR8Jww6lJc313ajSlie9W50y6haESuEjyrxg/MSMYHv0BNXdU8d+G9Em1OPVNTW3bSkge93QyEQrM2yMkhcHJOOM474rgG+GfivVPh/4o0XWm0ddX124F7JqcN5LIJJklR44zGYVKRhYwvDMRycc03xR8L/Fniuy8YyXc2jWt54htrGGCKO4leOA2825tzmME5UAghRycY43EA7m6+JPhezs4Lm4vLpVnt3ukjXTblpRAhw0zRiMusf+2wCnsTT/ABj42s/CfgWXxMkY1C32xmARShUl8xgqEychUO4Etzx69KwfF3w+vtW8eL4j09Y7yKbTDp9zZSavc6dwJNysJIFYuDuYFGGOhropNDlsvAttoujaVpbpDBHA2m300kts0QADxeYVLEYyAzIc45XngAw9e+JVx4Z0XSr7VtEWVtT1CG1ibTbiS7geKQA+ckixZY4bhCqlyDtyOa1r/wCI3hfTLpoL/UJYXiSF7hmsp9loJv8AV+e4TbATxxIVIBBIArh4/hHq1toN0NPOmWVxJ4it9bttJhnk+xW4jYZjV9mRuGTkRgDAAGAKuap8O/Et5b+KdOtX0mOy8Vywz3U8lxI0li21VmVEEYEwwvyktHyeRQB2Mvj7w1Brt5o8uokXtgC12v2eUpbKED7pJNuxFKsMEkAngZIIpqfELw01pqVxLfTWw0tY2u4ruynt5Yw5wn7uRA7bjwMA5PA5rnIfh/r+nXXj2fRdUt7OfXre2j0ucMxeFooDHmT5flJPQrnHXGRiuE8YeCtZ8PaPrWtatLDCmoPpdujrqtxeNbNHcqTJJcTpmNO+4qwXONp6kA9Yh+JnhWazu7kX1yi2l1HZSpNp1zHIbh/uwpG0YZ5P9hQSAQSADW1omvab4j09r3SLgzRJM8EgeJ4nikRirI6OAyMCOjAHoehFeNaT4fk8d6beDSSJdR0jxFFqMup/2qz22rs0QV1S7gijMZVDt+SPClV4O4keqeDPDq+HtNu1bTorC4vLpri4EeqT3/muVUb2lmVWyQoGMY496AOiooooAKKKKACiiigArO1lF+z28u0eZHdwbGxyu6VVP5hiPxrRqhrP/HjH/wBfdt/6PSsq38OXoa0f4kfUv0UUVqZBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFDWf+PGP/AK+7b/0elX6ztekWHSGmfhIZoZXP+ysqsf0BpV1/R2UEarZYIzzcKP61zupCNVqTtov1OhQnKknFX1f6Hk8HifxfceEPGvimDxJIJvD2sXsVvp81pbm1kggIIjbCCXO0kZEgPTrzne8R/GGDw7p9nfzWenmCeC1uHtptXSO8ZJivzRW4VjIF3HJYpna2OBmk/wCED8KGHU7J/F122k6tqEmoXuli9tlhmd2DMpdYxKE4AwH6DnPOTXvAXg/XrjVS/ieaytdX8g3tnaXduIpTAAIj8yMy7dq8KwHyjir9tS/mX3kexqfyv7hNE8aeJR4o8crq8NhLpuizxiEG+WIW4MYYZdolBQ53MzNleQA/GdvwL4/i8Z32tWQishNpEsSPNp1+Ly2mWRNyskuxMkEMCMcEdfTM1jwZ4R1q61ySbxLLBDrphe8toLyARmWLb5cq7lLBhsHGdp7qa0/Del+H/Der6vqg8TtqN/rBiN3Pe3UGWMSlVwI1QD5Tjgdh75PbUv5l94exqfyv7jiPDnxL1q2+JeuReKdSV/Do1LULC1zAiC0e2VZRlwATujMn3ieUqt4a+K3iCybxDqPisyXkf2WzutN0uOKOMxtdSP5MW/aD90xgs5OME89D0erfDjwFrWjarpt/rReHVNYbWJHF7CHjmYYIQ7eFxkYOTyeavar4O8Faxc6xPdauqtq0FtCwivY1+zm3OYniOMqwPPJIOMYxkE9tS/mX3h7Gp/K/uIdV+K0vh6PXbbX9DSPVtLit5YbazvfOiuxO2yMCVo0KfPw2V4HI3dKwJPiHqfhbxh441HxTbyKmn2VgINMgvzLb+ZIzKpR2ChQxK7mKqRg8HAz0F34K8IanYazFrXiOTUrzWBEs2ozXsKTxLEQYhF5aqiBWG7heSTu3dKZN4F8H3qa2dW8TXGo3GtwRRXN1PfQrIjRMWikj2KqoykjGBt+UZBy2T21L+ZfeHsan8r+45nxP8UJdd0s2emXUFpfafr2mxyz6LqhuYLiCY54mVUJ5DqyFf4e4Ne3VwupaDout6ZFZa941udSSG9hvYnlns42R4jkL+7iUFSeuQTxwRXV/29pH/QVsv/AhP8aPbUv5l94exqfyv7i/RVD+3tI/6Ctl/wCBCf40f29pH/QVsv8AwIT/ABo9tS/mX3h7Gp/K/uL9FUP7e0j/AKCtl/4EJ/jR/b2kf9BWy/8AAhP8aPbUv5l94exqfyv7i/RVD+3tI/6Ctl/4EJ/jR/b2kf8AQVsv/AhP8aPbUv5l94exqfyv7i/RVD+3tI/6Ctl/4EJ/jR/b2kf9BWy/8CE/xo9tS/mX3h7Gp/K/uL9UNB/5FzTf+vSL/wBAFNk8QaSkbMuoW0rAcJFKrs3sFByTUukQvbaJYwTLtkjt40YehCgGpU4zqLld9H+hTjKFN8ytqv1LlFFFbmAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEFi88mn273a7LholMqgYw2BkfnU9QWEcsWm20dxKJpUiVXkBzvYAZOe+TU9TC/KrlT+J2CqWtO0WgahJGxV1tpGUjsQpq7VDXv+Rc1L/r0l/wDQDUVv4cvRlUv4kfVFyGGO3hSGBFjjQbVVRgAVxmufFDTdD1rV9Pk0nVroaLBFcahc2yQmO3jkGQxDSB2AGSdqkjFdtXl158OL/wAQfEvxbcatcX1joGq2tnDi0mhAvQinfG+VaRV7fLsJBPJrRJJWRDbbuzuX8XeHIp7KCfXtNgn1COOW0gmukjknRzhCqMQx3Hgccnipz4g0ZYpZW1ewEcN19jlc3KYjnyB5ROeH5HynnkcV5VrfgHXEtPGvh/TNBW8t/EklsLLUPPiWG0iRUQLKGbzMRBCVCK+eMYPSHxN8MPEOpeJNX0+zh8zRb6NdTW8MyKRqCWskKjaW3cyGKUnplevoxHrV14j0OyS8e91nT7dbBkW7aW6RBbl/uCTJ+QtkYzjOeKil8WeHILC3vp9f0uO0uVZ4Lh72MRyqvDFWJwwGRkjpXlEngHxdeaZYeIbu0nt9cfxE+q31jaT27TRx7TDEI2l3QsyIFYbuPmPIPFXbP4d30Xi3wdqFvpupvZ2uq6hqGo/2xLaGSCSaNdrBYDswXXcAgODknFAHoHivxlY+E7HTbm4trq/OqX0VhaRWQjLSSyglOXdVAO3qT3FZP/C1dFXTPtU1nqMMqayuiT2jxx+bb3LHA3YcqV6HcrNwfwqv8XPDep+JNJ8OrpFjPff2fr9rfXUNtcrBL5CB95R2dMN8wxhgcnIIxmuPk+HviVtLkjsNKlt7KXxba6rBY3V1FJcwxr/r5ZZd7eYzNyMu7YA+lAHt9FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBnayi/Z7eXaPMju4NjY5XdKqn8wxH41o1Q1n/jxj/6+7b/ANHpV+so/wASXov1NX/DXq/0CiiitTIKKKKACiiigDN1KzllvrOa1kmgkLmOaWLGRHsZhkMCPvBeo7n1p/8AZ11/0Gb3/viD/wCN1YuEmee1MUgRElLSgnG9djDHv8xU/hU9YKnFyb1+99l2NnUkopafcu5Q/s66/wCgze/98Qf/ABuj+zrr/oM3v/fEH/xur9FV7KPn97/zF7WXl9y/yKH9nXX/AEGb3/viD/43R/Z11/0Gb3/viD/43V+ij2UfP73/AJh7WXl9y/yKH9nXX/QZvf8AviD/AON0f2ddf9Bm9/74g/8AjdX6KPZR8/vf+Ye1l5fcv8ih/Z11/wBBm9/74g/+N0f2ddf9Bm9/74g/+N1foo9lHz+9/wCYe1l5fcv8ih/Z11/0Gb3/AL4g/wDjdH9nXX/QZvf++IP/AI3V+ij2UfP73/mHtZeX3L/Iof2ddf8AQZvf++IP/jdH9nXX/QZvf++IP/jdX6KPZR8/vf8AmHtZeX3L/Iof2ddf9Bm9/wC+IP8A43R/Z11/0Gb3/viD/wCN1foo9lHz+9/5h7WXl9y/yKH9nXX/AEGb3/viD/43R/Z11/0Gb3/viD/43V+ij2UfP73/AJh7WXl9y/yKH9nXX/QZvf8AviD/AON0f2ddf9Bm9/74g/8AjdX6KPZR8/vf+Ye1l5fcv8jKNoLTVLOa6vLq7kkZoYhLsCoSjMWwqjnCEZ961ar3LyJcWgSLzFeYq7bc+WNjnd7cgD8asUU4qN0u/wCiFUk5Wb7fqwqC4NwJ7XyBmMynz+nCbGx/49t6VPVe5jZ7izZZhGEmLFSceYPLcbffrn/gNVPb7vzJjv8AeWKKKKskKzdRt0u9Ss4RPcW06pJLHJAV6DapB3A5B3jj2+laVV3kcanDGIso0MjNLt+6QUwuffJP/Afas6iUo2fl+ZpTbUrrz/Ig/s66/wCgze/98Qf/ABuj+zrr/oM3v/fEH/xur9FL2UfP73/mP2svL7l/kUP7Ouv+gze/98Qf/G6P7Ouv+gze/wDfEH/xur9FHso+f3v/ADD2svL7l/kUP7Ouv+gze/8AfEH/AMbo/s66/wCgze/98Qf/ABur9FHso+f3v/MPay8vuX+RQ/s66/6DN7/3xB/8bo/s66/6DN7/AN8Qf/G6v0Ueyj5/e/8AMPay8vuX+RQ/s66/6DN7/wB8Qf8Axuj+zrr/AKDN7/3xB/8AG6v0Ueyj5/e/8w9rLy+5f5FD+zrr/oM3v/fEH/xuj+zrr/oM3v8A3xB/8bq/RR7KPn97/wAw9rLy+5f5FD+zrr/oM3v/AHxB/wDG6P7Ouv8AoM3v/fEH/wAbq/RR7KPn97/zD2svL7l/kUP7Ouv+gze/98Qf/G6P7Ouv+gze/wDfEH/xur9FHso+f3v/ADD2svL7l/kUP7Ouv+gze/8AfEH/AMbo/s66/wCgze/98Qf/ABur9FHso+f3v/MPay8vuX+RQ/s66/6DN7/3xB/8bqCazeK9sftF1dXqtPgLJsVUIRmDEIozyoHPrWtUFx9o8+18gfu/NPn9PubGx/49t6VMqUbdenVvqVGpK/Tr0S6E9FFFbmAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBV1BIpLVFnk8tRPCwbGcsJFKj8SAPxq1VXUWhW1Q3KM6efCAFOPmMihT+DYP4VaqF8b9F+pb+BfP8AQKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCC8WdoFFq21/NjJP+wHG/8A8dzU9VtQjSW2RZJhCBPE249yJFIX8SAPxqzUL4n8v1Lfwr+uwUUUVZAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFXTEhj0izS1kMsKwII3IxuXaMH8qtVV0x4ZNIs3tYzHA0CGNCclV2jA/KrVRT+BW7F1PjYVX1Bok026e5JEKwuZCACQuDng9eKsVW1ORYdJu5ZIROiQOzRHpIAp+X8elE9IMIazRWh0me3hSKPWb/YgwNwhY4+pjyaf/Z11/wBBm9/74g/+N1foqVRilZX+9/5lOrJ6u33L/Iof2ddf9Bm9/wC+IP8A43R/Z11/0Gb3/viD/wCN1foo9lHz+9/5h7WXl9y/yKH9nXX/AEGb3/viD/43R/Z11/0Gb3/viD/43V+ij2UfP73/AJh7WXl9y/yKH9nXX/QZvf8AviD/AON0f2ddf9Bm9/74g/8AjdX6KPZR8/vf+Ye1l5fcv8ih/Z11/wBBm9/74g/+N0f2ddf9Bm9/74g/+N1foo9lHz+9/wCYe1l5fcv8ih/Z11/0Gb3/AL4g/wDjdH9nXX/QZvf++IP/AI3V+ij2UfP73/mHtZeX3L/Iof2ddf8AQZvf++IP/jdH9nXX/QZvf++IP/jdX6KPZR8/vf8AmHtZeX3L/Iof2ddf9Bm9/wC+IP8A43R/Z11/0Gb3/viD/wCN1foo9lHz+9/5h7WXl9y/yKH9nXX/AEGb3/viD/43R/Z11/0Gb3/viD/43V+ij2UfP73/AJh7WXl9y/yKH9nXX/QZvf8AviD/AON0f2ddf9Bm9/74g/8AjdX6KPZR8/vf+Ye1l5fcv8ih/Z11/wBBm9/74g/+N0f2ddf9Bm9/74g/+N1foo9lHz+9/wCYe1l5fcv8ih/Z11/0Gb3/AL4g/wDjdH9nXX/QZvf++IP/AI3V+ij2UfP73/mHtZeX3L/IyLqy+ztb3N5f3l2sc8YWJ/LClmYICQqDOC2fwrXqvevJHbqYYhKxmjUqRnALqCfwBJ/CrFEIqMml/XzCcnKKb/r5BRRRWpkFFFFABRRRQBVu0ie6sTLJsZJy0a4++3luMfkWP4VaqrdtCt1YiZCztOREQfut5bnJ/wCAhh+NWqiO8vX9EXLZf11YUUUVZAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEFws7T2pgbCLKTMPVNjDH/fRWp6rXUaPc2TPMIzHOWVT/wAtD5bjb+RJ/wCA1ZqI7v8AroipbL+uoVVu1gN1YmZmVxOTCB0ZvLfg+23cfqBVqqt3JGl1YrJFvZ5yqNn7h8tzn8gR+NE9vmvzHDf7/wAi1RRRVkBUDrP/AGhCyt/o4icSD1fKbf03/nU9VpI1OqwSmYBlglURd2BZMt+GAP8AgVRPb7vzKjv9/wCRZoooqyQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACq9zGXuLNhMIwkxYqTjzP3bjb79c/8AAasVVuxAbqxMzMHE5MIHRm8t+D7bdx/AVE9vu/MuG/3/AJFqiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAK97I8durRQ+cxmiUrtzgF1Bb8ASfwqxUF4s7QKLVtr+bGST/c3jf/47mp6lfE/67lfZX9dgoooqiQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAKuoGAWqfagxTz4cbeu7zF2/huxVqq1/J5VureSJszRLtIzjMijd+Gc/hVmoXxv5fqW/gXz/QKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCvYSSS6bbSXEQhleFGeMDGxiBkY7YNWKgsVnTT7dLxt9wsSiVgerYGT+dT1ML8quVP4nYKgvmnTT7hrNd1wImMQPd8HH61PVfUI3l025jhl8iR4XVZd2NhIOGz2x1on8LsEPiVyxRRRVEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAQXizvAotW2v5sZJP9wOCw/75yKnqtqEaS2yLJKIQJ4mDHuRIpC/iQB+NWahfE/l+pb+Ff12CiiirICiiigAooooAr3MjpcWipD5ivMVdtufLGxzu9uQB+NWKguFnM9qYGwiykzD1TY3/ALNtqepju/66FS2QUUUVRIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFW7MAurHzgxcznycdA3lv19tu78cVaqtdSbLizXyRJvmK7iP9X+7c7h+WP8AgVWaiO79f0Rctl/XVhUFw86z2ohTcjSkTHH3V2Mc/wDfQUfjU9QXEcrz2rRSBFSUtIpON67GGPfkqfwpyvbTy/MUdyeiiiqJCqsnkf2vb7t32jyJdnpt3R7vxzt/WrVVpJANVgj8kEtDI3m45TDJ8v45z/wGont81+ZcN/v/ACLNFFFWQFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVVu5I0urFZIt7STlUbP+rPluc/kCPxq1UFw86z2ohXcjSkTHH3V2Mc/99BR+NRPb7vzLhv8Af+RPRRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFbUI1ltkV5hCBPE249yJFIX8SMfjVmquomAWqfaQxTz4cbeu7zF2/hux+FWqhfG/RfqW/gXz/QKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCC8+0eQv2T/WebHnp9zeN/X/Z3VPVa+jMtuqiYQ4mibcTjOJFO38cY/GrNQvif9dyn8K/rsFFFFWSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBV0yNIdJtI4ZfOjSBFSUfxgKMN+PWrVVdMMDaRZm0VltzAhiDdQu0Yz74q1UU/gVuxdT42FVdTWF9IvFu3McDQOJXUZKrtOSPwq1VXU5IotIvJLmPzYVgdpI843KFOR+IoqfA/QKfxotUUUVZAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFXUDALVPtQZk8+HAXru8xdv4bsfhVqq1/J5VurCETZmiXaRnGZFG78M5/CrNQvjfy/Ut/Avn+gUUUVZAUUUUAFFFFAFa7jV7myZphGY5yyqf8AlofLcbfyJP8AwGrNVbswC6sfODF/PPk46BvLfr7bd36VaqI7y9f0Rctl/XVhRRRVkBRRRQAVHcS+RbSy4z5aFseuBmpKr6h/yDbn/ri/8jQBnWx1y6tYrhbqxQSoHC/Z3OMjOM76l8nXf+f2x/8AAZ//AIurOlf8gay/694//QRVugDL8nXf+f2x/wDAZ/8A4uqa6vqNlqU8WpLDPbQKhllgjZTHuzhiCTkDHNdBWVa4PibUw2MGGDg9/v0AaiOsiB0YMrDIIOQRS1inPh+UsmX0tzllHJtSe4/2Pbt9K2VYMoZSCpGQQetAC0UUUAFFFFABRRRQBBcfaPPtfI/1fmnz+n3NjY/8e29Knqvcxl7izYTCPZMWKk48z9242+/XP/AasVEd3/XQqWyCqt2kTXViZZCjpOTEMffby3GPyLH8KtVVu3hW6sRNGWdpyIiD9xvLc5/75DD8aJ7fNfmOG/3/AJFqiiirICoHNx/aEOwf6N5T+YePv5Tb79N/+cVPVd4ydUgk84ALDIpiz97LJ82PbGP+BVE9vu/MqO/3liiiirJCiiigAooooAKKK4bxL8TrXQdYk0+3sjePDxK4l2BW9Bwc4row+Gq4mfJSV2ZVa1OjHmm7I7mivL/+FzD/AKAn/kz/APY0f8LmH/QE/wDJn/7Gu/8AsbHfyfiv8zm/tDDfzfg/8j1CiuG8NfE6117WI9PuLI2bzcROZd4ZvQ8DGa7muDEYathp8lVWZ00q1OtHmg7oKKKK5zUKKKKACiiigAqC4jlee0aOUIqSlpFzjeuxhj35IP4VPVW7SFrqxMshR0nJiAH328txj/vksfwqJ7fd+ZcN/v8AyLVFFFWQFFFFABRRRQBk61ryaQsYELStIMg5wv51z7+N7rOUitVHoxJ/rXIweL9T06Sa0byru1WV8Q3KbwBk8A9asweJdLupgs/hm03HPzRyFR+WK8/H5Pm1Sq5YeslHtt+OpwrG03vodZB43kLDz7aNx/0yfH+NdVBcJcQxyLlfMXcFYYIH0rzdPEUVtzp2j2Ns3Z9m9h+Nbfg2/udR1e8nvZTLJ5QAz0Az0A7Vtgsux+HhKWLqqXbT9S44uE5qEep2VFFFdR1hRRRQAUUUUAFFFFABRRRQBWv5PLt1YwifM0S7SM4zIo3fhnd+FWagvPtHkL9kGZPNjznH3N439f8AZ3VPUL4n/Xcp/Cv67BRRRVkhRRRQAVk674n0nw5CJNVu1iZhlIhy7/QVrV81+INUZ/iDd3mpJ9sSG9bdE54ZFf7v0wMV6WX4NYqbUnovxPNzDGPCQTitX+B6l/ws281JiPDnhu8u0/hlk4U/kP60HxR8QWOU8JQhf9qTn/0KtHR/iV4VvLZFW5Fg2APJlTaB7AjittfFOguuRrFlj3nUf1rSf7p8v1f7+Z/5GcP3q5vrH3cq/wAzk/8AhOPFliu/VvCEhQdfs7En+tamjfErQdWuBazSPYXRO3y7obQT6Z6fnir93458NWSkzaxbnHaNt5P5V478R/Fek+JdQt20e0MZhBD3LKFaXpgY9Bz19a3w+Fji5csqTj5q9vuZz4jFSwkeaNZS8na/3o+gaK5L4ZXtxfeAbKS7kaV1LxhmOTtDEAflXW149am6VSVN9HY9mjUVWnGouquFFFFZGoUUUUAFFFFAFXUBAbVPtTMqefCQV67vMXb+G7FWqq6hIkVsjSxeapnhUKexMigH8CQfwq1UL436L9S38C+f6BRRRVkBRRRQAUUUUAVtQ1Gz0qza61G4jt4F6vIcf/rrirj4q2s85g8PaTeao4ONyrtX69CcflXH/Gi9nfxRbWjSN5EdsrrHnjcScn68Ct/wN8RPDVlodrp91GNNmhQK7bMpIe7ZHOT15r3KeAUMNGu4ObfRdP1Z4dTHueJlQU1BLq+v6IunxX48l+a18IxhD08x+f8A0IUDxd45t/mvfCKlB18p+f5muqi8XeH513R6xZ4/2pQv86bP4w8O2y7pdYtMf7Mgb+Vc3Prb6uv/ACb/ADOjk0v9Yf8A5L/kc/ZfFTTDcLb65ZXekzH/AJ7ISo/QH9K7W2uYby3Se1lSaGQZV0bII+teTfEXx74e1jRZNO0+H7bcMQUuSm0RYPUE8k44/GpPgje3D/2pZvKzQRhJEQnhWOQSPyFb18AvqzxCi4NdH/V/vMKGPf1lYdyU0+q0/wCB9x61RRRXinthRRRQAUUUUAV9OkMul2shhEBeFGMQGBHlR8uPbpVioLH7R/Z9v9t/4+fKXzsY+/gbunHXPSp6iHwoqfxMKgv3mi065ktYxLMsTNGhGdzAHAx9anqC+SaTTrlLR/LnaJhE5ONrEHB/OnO/K7BD4lcnoooqiQooooAKKKKACiiigAooooAKKKKAMTUfFdhpt61rKkzyJjdsUYHtyaqf8J1pv/PC5/75X/GuV8UNjxLef7w/kKyC1fCYnPMZTrzhFqybW3Znu0sDRlCMn1R6vpGtW2tQvJah18tsMrjBFaFcb8PjmG+/3l/ka7KvrMurzxGFhVqbv/M8rEU406rhHYKKKK7znCiiigAooooAKKKKAILz7R5C/ZP9Z5sec4+5vG/r/s7qnqtfR+bbqvnCHE0TbicZxIp2/jjH41ZqF8T/AK7lP4V/XYKKKKskKKKKACiiigCtdSbLizXyRJvmK7iP9X+7c7v0x/wKrNQXH2jz7XyB+780+f0+5sbH/j23pU9RHd/10Klsv66hRRRVkhRRRQBm6/r9h4a0l9Q1WRkgVgo2ruZmPQAVxd18ZPC81nNEgvtzxsozCOpH+9TvjZ/yIcX/AF+x/wDoL15h8PdF0HxHq02k64ZormeMmzmjl2jcAcqR3PcfQ1lKTUrI8nE4qtCuqVO3zPSrH4y+F7fT7eGQX2+OJUbFuOoAHrWppHxY8M6zq1vp9u91FNcOEjM0O1Sx6DIJ615foHgS1tYNd1DxmJYrHSC0AWJ9hmlB/hPpyMeu4elc54UKt450comxTqERVc52jeOM96nnktzm+u4mLjz21Pqiqd5pGn38okvLSKZ1G0My849KuUVue+Y114c0hLOZl0+EMsbEHb04q5o3/ICsP+vaP/0EVPef8eFx/wBcm/lUGjf8gGw/69o//QRQBdooooAKKKKACiiuR1v/AITH+2Z/7G/48vl8v/U/3Rn73PXNYV63sY83K5eiuzehR9tLl5lH1djpLsQG6sfOZg4nJhA6FvLfr7bd36VarzydvHYmthOBvMhEORAcPsb8vl3VN/xcL/P2euCOYav9zP8A8B8l5ndLL9F+9h/4F5+h3tV7l5EuLQRxB1eYrI2M+WNjHPtyAPxriv8Ai4X+fs9IR8QTj297em8wuv4U/wDwH/giWAs/4sP/AAL/AIB31FcF/wAXC/z9no/4uF/n7PT/ALR/6cz/APAf+CL+z/8Ap7D/AMC/4B3tVZBB/a9uWZvtAglCL2K7o9x+udv5muM/4uF/n7PULN46+3xK2PtBicx8QZ2ZXdz9dlTPMNP4M+n2fP1Kjl+v8WHX7Xl6Hd3N/a2bxLdzpCZiVQucBj6Z6VYryfxL/wAJL9mg/wCEi/1W8+X/AKvrjn7lafg8eKBs+yf8eH/T3nZj/Z7/AJcetZU80csR7J05fdr80aTyxRoe1VRffp8mei0UUV7Z4wUUUUAYfi/xCnhvw9NeZBnb93Ap/ic9PwHX8K8g8H+Fj401K9FxfNA0SiRn2by7MT7j3p/xC8S/8JB4hZLd82VpmOHB4Y/xN+J/QCt74Nf8hPVP+uMf/oRr7Ojh55fls60dJuz9Ndj5+pVjisZGD1ii7/wpmD/oNy/+A4/+Kqvf/CCO1sJp4tYd3RSVVoAAT7nNd1d6hf2/i7TrLdB9iuklOAp35RQeT06ntWXZa9f3PiGOK4aJ7O5vLm0Fv5YygiGQ27vnHIrzIZhmLXN7TS19l56beTNZwwUZcnI735fnprvtqjxOaG60vUNkoaC4gcEYPII5BB/rXv8A4Q8Qp4k8PQ3mQJ1/dzqP4XHX8D1/GvPfjBBFDqmmeTEke6F87VAz8wrF+HviX/hH/EKpcPiyu8RzZPCn+FvwP6E17GMpf2ngI14r3lqv1Rz0J/U8U6Teh7xRRRXw59GFFQ3dylnZT3UoYpBG0jBRyQBk4/KuX/4WRpH/AD7Xv/ftP/iq562Ko0GlUla50UsNWrJunG511Fcj/wALI0j/AJ9r3/v2n/xVH/CyNI/59r3/AL9p/wDFVh/aOE/5+I2/s/FfyM66qt28K3ViJoy7tOREQfuN5bnP/fIYfjXN/wDCyNI/59r3/v2n/wAVUcvxG0wyQ+Xa3RUPmTfGuQu0/d+brnH4ZqZZhhGvjXQqOX4pP4GdlRXI/wDCyNI/59r3/v2n/wAVR/wsjSP+fa9/79p/8VVf2jhP+fiJ/s/FfyM66ivOdV8fzNqcM+jeYkKptkhuEGGOfYn8810OheNbHV5Et5ka2um4CH5lY+x/xqaWZYapUdNS1/P0KqZdiadP2jjp+XqdLRRRXonnnz9d/wDH9cf9dW/madY/8fifj/Km3f8Ax/XH/XVv5mnWP/H4n4/yr6fofLvc16674f8A/H9ef9cx/OuRrrvh/wD8f15/1zH865MT/CkdGF/jRO6oqnqeqW2k2hnu3wP4VH3nPoBXKaJrl1rXjCJ5zsiVH8uIHheP1PvXkwoynFy6I9mdaMJKHVnb0VFcXMNpbvPcyLHGgyzMelcpZeJpdY8W2kFvmKzUvhe8nyNyf8KmFOU02tkVOrGDSe7OwoorIvvFOjabePa3t55c8eNy+U5xkAjkDHQiuepUhTV5tJeeh0QpzqO0E2/I16Kwf+E38Pf9BD/yDJ/8TR/wm/h7/oIf+QZP/iax+uYb/n5H70bfVMT/AM+5fczeorB/4Tfw9/0EP/IMn/xNH/Cb+Hv+gh/5Bk/+Jo+uYb/n5H70H1TE/wDPuX3M1r6My26qswhImibcTjOJFO38cY/GrFc1deL/AA5dQrHJqDYEkcnywvnKuGHVemR+VT/8Jv4e/wCgh/5Bk/8Aian63huZv2kfvXmX9VxHKl7OX3PyN6iucufG+h/ZZfs+ofvth8v9y/3scdV9ay9H+IkMu2LWYvJbp58QJU/UdR+GaiWYYWM1FzWv3f8AAKjl+JlFyUHp9529FRW11BeQLNazJNG3R0bIqWu5NNXRxNNOzCvlzxL/AMjVqn/X3L/6Ga+o6+YtZtjeeOL22DhDNfum5ugy5Ga+jyJ2nNvsfOZ6rwgl3MWlyfWvTvFXgrw54X0lo501OS6MBaO7VAYS/ZSe3NJb+BfDeiaZpx8W3s63mpY2RxdI846/TIya9tZhRcFJX12039Dw3l9ZTcXbTfXb1PMs0lepWHwvso/Hs+j6hNLLaGz+0wSKQrEbguD+teZ3cSwXk0SfdRyoz7Gt6OKp13aD6J/eYVsLVoJOa6tfce+/Cf8A5J7af9dJP/QzXaVxfwn/AOSe2n/XST/0M12lfDY3/eanq/zPusD/ALrT9F+QUUUVyHWFFcjrf/CY/wBsz/2N/wAeXy+X/qf7oz97nrmqH/Fwv8/Z686eP5JOPspu3aOn5noQwPNFS9rBX7v/AIB3tFcF/wAXC/z9no/4uF/n7PUf2j/05n/4D/wS/wCz/wDp7D/wL/gHbXjzpAptV3P5sYII/hLgMfwXJqeuAkHxAZQHJUbgchoF5zx09+3fpTv+Lhf5+z0v7Q1v7Kf/AID/AMEf1DS3tYf+Bf8AAO9pskixRPJIdqIpZj6AVwn/ABcL/P2eorn/AIT37JN9o/1OxvM/1H3cc9Pah5jZfwZ/+A/8EFl93/Fh/wCBf8A722uoLyBZrWZJo26OjZFS141oB1kX3/Eh87zf4hH93/gWeMfWvW9N+3/YU/tUQi5/i8nO39e9VgMc8XHWDX5feTjsCsLLSSf5/cWqKKK9M808K+M3/I6xf9eif+hNXntehfGb/kdYv+vRP/Qmq5pPgPRLfwXa63rK396boBitigbygc8kdeMc19vhsRChhKTn10Ph8Th518ZVUOmp5lk+tGTXoGg+C9Fm0m+8RazdzR6PDMyW6qPnkUNgE/yxU+qeANKEuh6lo1zLNpOpXUcDq/DJuPb8iPrXQ8dRU+V3+7S+9vU51gKzhzK33622v6Hm9eq/A7/j+1f/AK5x/wA2rjvHmhWnhzxVNp9gXMKIjDecnJUE12PwO/4/tX/65x/zaufMKkauAlOOzS/NHRl9OVLHxhLdNr8GexUUUV8QfcBRRRQAUUVxV/8A8J1/aVz9h/49vNbyf9R9zJ29eemOtc2Ir+wSfK5X7K50UKHtm1zKPq7HWadH5Wl2kfnCfZCi+aDkSYUfNn361Zrzqw/4Tr+zbb7D/wAe3lL5P+o+5gbevPTHWrH/ABcL/P2euKGYWgv3M/8AwH/gnbPL/ef72H3/APAO9qrqccUuk3kdxJ5UTwOryY+4pU5P4CuM/wCLhf5+z1Xv/wDhOv7Nuft3/Ht5Ted/qPuYO7pz0z0pTzC8H+5n/wCA/wDBCGX2kv3sP/Av+Aei0VwX/Fwv8/Z6P+Lhf5+z1f8AaP8A05n/AOA/8En+z/8Ap7D/AMC/4B3Fzcw2lu09zII4k+856CnxyxzRrJC6yIwyrKcgj615xq//AAmn9k3H9q/8ee397/qemf8AZ5/Kszww3iAXWNB8wpn5w3+q/HPH9a55Zs1WUPZSs+6s/u6o3jladFz9pG689Pv6HrlFRWv2j7LH9s8sT4+fys7c+2ealr207q54zVnYKKKKYgooooAiup/s1rJNjOxc4rAPiG6/uRfkf8a2NWONKuP9w1xpevls6xdehVjGnKyt+p6GFpQnFuSINRs4tQvZbqZmWSQ5O08DiuZk+V2XOdpIrqWeuSmb99J/vH+dfIVG5ycnuz2qN7WO6+HRzDf/AO8n8jXa1xHw3OYb/wD30/ka7ev0PJ/9xp/P82eDjf8AeJf10CiiivVOMKKKKACiiigAooooAq6gIDap9qLBPPhxt67vMXb+G7FWqq6hIkVsjSQiYGeFQp7EyKA34Eg/hVqoXxv0X6lv4F8/0CiiirICiiigAooooArXUZe4s2Ewj2TFipOPM/duNvv1z/wGrNVbsQG6sTMzBxOTCB0LeW/B9tu78cVaqI7v1/RFy2X9dWFFFFWQFFFFAHnfxs/5EOL/AK/Y/wD0F68j8C6De+IPF9nBYSPB5DieW4TrCqkHP17D3NeyfGGwur/wKFsreSdorpJHWNSxC4YZwPcivHNI1bxL4f068tNLt5beO8UieT7LlyMY4YjIxk/nWE/i1PnscksUnNO1kekePLqLx74Ov5fDs7udEvGNxAvSdQMbxjrxkj6H2ryzwj/yOui/9f0P/oYqfw9qniPwzcS3GiwXEZnj2OGtS6uvUcEY/H3qx4R0rU7vx5pci6dOv+mpM+IGVEUNuJ6YAAqW+Z3OapUdepGdve6n0VrLW62qfa797OLfyY22s/HTPX8qyNOu44fEVvBYXF1La3Eb7luNxAYDOVLVoavY3Ump2N/aRJcfZtwaB225z3BPGab9l1C61yyvriJIYoVkUxB9xXI6k98+3TFW78x9HK7kal5/x4XH/XJv5VBo3/IBsP8Ar2j/APQRVeC9lvrHUpHCiFHkjh2jlgowSfxqxo3/ACAbD/r2j/8AQRWqd9TZO6uXaKKKYwooooAKKKKAILh51ntRAuUaUiY4+6uxjn/voKPxqeq9zHI89o0cuxUlLSLnG9djDHvyQfwqxUxvd/10Klsgqtdxo9zZM8ojMc5ZF/56Hy3G38iT+FWaq3ZgF1Y+cGLmc+SR0DeW/X227vxxSnt81+Y4b/f+RaoooqyAqB3nGoQoq5tzE5dsdGBTaPyLflU9V3SU6lDIsgEKxSK0efvMSmDj2Ab86mV7aeX5lR3+8W5sbW8eJrqBJjCdybxkKfXFT0UU1FJ3Qm21ZhRRRTEFQX1t9s0+4tfMaPzomj3r1XIxkVPRTTad0Jq6sz5m1PT59K1O4sbtds0DlWHr7j2PWu/+DX/IT1T/AK4x/wDoRrR+K/hn7RaJrton7yEBLgAdU7N+B4+h9qzvg0R/amqDPPkx8f8AAjX3GIxaxeVTqLfS/rdHzlKg6GOjDp0+5nc3utaaniaCKe0mkmtZFgF0MbIXlHC9cnIA5wcUtl/YzeMLlLewkj1FIzK8zoVU5IUlcnqfUDnHWm3fhZ7nXWu1u1W1luIbmWEx5YvEMLhs8A8Z4rRXS2HiZ9V80bWtBb+Xt54ctnP418rKVFRtGT+Hz37fffyPQjCvKd5xVubsttdfutruebfGX/kJ6X/1xk/9CFcBpmnz6rqdvY2i7pp3CKPT3PsOtd/8ZSP7U0sZ58mTj/gQrR+FHhn7PaPrt2n7yYFLcEdE7t+J4+g96+qw+LWEyqFR72dvW7PPq0HXx0oLbr9yPQrG2+x6fb2vmNJ5MSx726tgYyanoor4dtt3Z9GlZWQ2SNJY2jlRXRwVZWGQwPUEVS/sHSP+gVZf+A6f4VforOUIS+JXNIzlH4XYof2DpH/QKsv/AAHT/Cj+wdI/6BVl/wCA6f4VfoqfY0v5V9xXtqn8z+8of2DpH/QKsv8AwHT/AAqC48P6e09qYNMsQiykzD7OnzLsYY6f3ip/Ctaqt3Gj3Nkzy+W0c5ZF/wCeh8txt/Ik/hUTo07fCunbuVCtUv8AE+v5EX9g6R/0CrL/AMB0/wAKP7B0j/oFWX/gOn+FX6Kv2NL+VfcT7ap/M/vOW1bwPaanqcMsXlWVqkeHjt4grOcn2wPrzW3pmjWGkRbLC2WPI+Z+rN9T1q9RWdPC0ac3UjFXZc8VWqQVOUtEFFFFdJznz9d/8f1x/wBdW/madY/8fifj/Km3f/H9cf8AXVv5mnWP/H4n4/yr6fofLvc163PDWsw6KbyeUF3aMLGg/iOf0rDp4hlIyInI9QprGcVOPKyoTlCXNHcsajqVzqt2bi8fc3RVHRB6AVb8NX0Gna0t1dNtjSN+2STjoKy1RnbCKzH0UZNDxyR48yN0z03KRmk4xceToEZyUufqaeua/c61cZk/d26n93CD09z6mpfCP/I1Wf8AwP8A9AaslYJnUMkMjA9CEJFa3hHjxXZ5/wBv/wBAaonGMaUox7M0pylKtGUu6PTqyL7wto2pXj3V7Z+ZPJjc3muM4AA4Bx0ArXor56pThUVpxTXnqfSwqTpu8G0/Iwf+EI8Pf9A//wAjSf8AxVH/AAhHh7/oH/8AkaT/AOKreorH6nhv+fcfuRt9bxP/AD8l97MH/hCPD3/QP/8AI0n/AMVR/wAIR4e/6B//AJGk/wDiq3qKPqeG/wCfcfuQfW8T/wA/Jfezmbzwj4etIFk/szfuljjx58g++4XP3u27NWP+EI8Pf9A//wAjSf8AxVa9486QKbVdz+bGCCP4S4DH8FyanqfqmH5n+7X/AICvMr63iOVfvH97OcufBGh/ZZfs+n/vth8v98/3scdW9aydH+HUabZdam8xuvkRHC/i3U/hiu5oqJZdhZTUnBafJf8ABLjmGJjBxU3r95FbWlvZQCG0hSGNeiouBUtFFdySSsjibbd2FfMWteT/AMJtffaiwh+3v5hXrt3nOPwr6dr5c8S/8jVqn/X3L/6Ga+jyLWc/Q+cz3SEPU9Mn8Z+HtN8IX2npq93rRuImSCK5j5iyuACcdB1pdP1jwz8Qv7Gg1uWS11S0IUJnCzHjIz746cGvHqmtYbie6jjs0kknZhsWMEsT7Yr1nltOKbjJqW9/lb0PIWZVJNKUU47W+d/U9kuPGMOl/FK6n1+CawtobI20G5MmT5w27jsea4XWvD+m6pdIfBkl9qcsju9wJIsLGOMc4AHfr6Ui+E9SubqI+I9St7SOPmUT3aNLGg5OFyTnHb1r1Dw54Rt73S4ZdQgaDTyA1tpinChezy45dz1Oema4pTo4JKcJa2S02dv6vv8APa/bGFbGtwnHS7eu6v8A1bb5b2n+G6ppXhK2029uLdLxXcmFZ0ZhliR0Jrsax5fCWgTQeU+k2oXttjAI+hHSqEDXPhbVbayuLiS60m8fyreSZtz20nZC3dTjgnkHivAq8uInKcXq7u3+R9BS5sPCMJLRWV/8zp6KKK4zsCiiigAooooAq6gkL2qC4kMaefCQQM5YSKVH4tgfjVqquoPClqhuIzInnwgAHoxkUKfwYg/hVqoXxv0X6lv4F6v9ApskazRPHINyOpVh6g06ir3I2Ira0t7KAQ2kKQxr0VFwKloopJJKyG227sKKKKYjwr4zf8jrF/16J/6E1angnxN4f8PaXBLLrt6P3R87Tmj3Jv7leOPzrL+M3/I6xf8AXon/AKE1ee19tQw8cRgqcJPSx8RiMRLD42pOK1uepWHjXw9rWm6noWupJY2NzdPNbSRj/Vhn3YOOhB59Oa1fFV5D4atvDOm2sEp0a2uYrlr77yvg5wCO/JP8q8YrpofDev3WnRi7mW0tXAMa3tysQYdsKxz+lFTBUoTUua0ezfW1rrz+8KeOqzg48t5d0ul72fl9x0njSTw14rvLjUNIvL241aRUSG1jgyrEYHpnpk1r/CrTZ/Dd5qB1xoLIzpGI0lnQMSCf4c5HXvU/g3wlDJDJbWc+yzhOy8vYG+e8l/iRHHSNenHU5rt4vCWgQw+Umk2pUjndGCT9Sa8nE4unTpPCptr8f0/U9fDYSpUqrFNJP8P1/Q1wwZQVIIPII70tcpe6XL4TRtT0DzDZRfPd6cWLIU7tHn7rAc46HFdPb3EV1bRXFu4eKVA6MO4IyDXiTpqKUou6Z7cKjk3GSs0SUUUVkahRRRQBW02RJtJtJI4RAjwIyxD+AFRhfw6VZqCxad9Pt2vF23DRKZVHZ8DI/Op6iHwoqfxMKr6hI0WmXUkcPnukLssRGd5APy4756VYqC+Fw2n3Asji5MTCInHD4OOvvinP4WEPiRPRRRVEkVzbQ3lu8FzGJIn+8h6HvTooY4IligjWONRhVQYA/Cn0UuVXvbUfM7W6BRRRTEFFFFABWZqk8kcqKjsoxng4rTrG1k4uU/3a87MpOOGk15fmbUVeZUeeR1Ku7Mp6gnINZ1+iLb7lUA5HIFWi1U9Sb/RP+BCviq9Ryg7nqU1aSsZpeuTmb98/+8f510zPXKTN++f/AHj/ADry4anp00egfDQ5g1D/AH0/ka7quD+GBzb6j/vp/I13lfo2U/7lD5/mz57G/wC8S/roFFFFeocYUUUUAFFFFABRRRQBBeNOkCm1Xc/mxgj/AGC4DH/vnNT1XvY5JLdVil8phNGxbOMgOpK/iAR+NWKlfE/67lfZX9dgoooqiQooooAKKKKAKt3IiXNkrxeY0k5VG/55ny3OfyBH41aqC4edZ7UQLuRpSJjj7q7GOf8AvoKPxqeoju/66IuWy/rqFFFFWQFFFFABVe//AOQbc/8AXF/5GrFIyh1KsAVIwQe9AFXSv+QPZf8AXun/AKCKt1lDw5YKAE+1Ko4CrdygD6DdS/8ACO2P9+7/APAyX/4qgDUorL/4R2x/v3f/AIGS/wDxVH/CO2P9+7/8DJf/AIqgC1LBFbaXNFAgRBG+FHuCaZo3/IBsP+vaP/0EVAfDtgRhjdMD1Bu5SD/49WlHGsUaxxqFRAFVR0AHagB1FFFABRRRQAUUUUAVbtIWurEzSFHWcmIAffby3GP++Sx/CrVVbt4VurESxl3eciIg/cby3Of++Qw/GrVRHeXr+iLlsv66sKrXUmy4s18kSb5iu4jPl/u3O726Y/4FVmoLj7R59r5H+r80+f0+5sbH/j23pRPb7vzFHf7/AMieiiirJCqsiQnV7d2kImWCUImPvKWj3H8CF/OrVVZHhGr26NGTOYJSj54VQ0e4fiSv5VE9vmvzLhv9/wCRaoooqyAooooAKKKKAGTwR3NvJBOgeKRSjqejAjBFfPnifw/deGtfntFEnlZ3QSjI3oenP6H3FfQ1BAPUZr1MvzGeBk2ldPoceKwkcSlrZo+YvMuv+ek3/fRo8y6/56Tf99Gvpzav90flRtX+6Pyr2P8AWNf8+vx/4B5/9kv+f8P+CfPXhjw/deJdfgtGEnlZ3TynJ2IOvP6D3NfQcEEdtbxwQIEijUIijooAwBTwAOgxRXjZhmM8dJNqyXQ9DC4SOGT1u2FFFFeYdgUUUUAFFFFABVW7MAurHzlYuZyISOgby36+23d+lWqr3MhS4s1EIk3zFSxGfL/dud3t0x/wKont935lw3+/8ixRRRVkBRRRQAUUUUAfP13/AMf1x/11b+Zp1j/x+J+P8qbd/wDH9cf9dW/madY/8fifj/Kvp+h8u9zXr0fSdc0uHQbaKW+hSRYQGUtyDivOKK5atFVUkzajWdFtpG94Svbay115ruZYYzGwDMcDOav+NtSsr+G0WzuY5yjMW2HOBiuSoodFOoqgKvJUnStoeh6BrmmW2gWkNxewxyImGVm5HJrnPDjrJ44jdDlWlmII7gq1c/W14R/5Gqz/AOB/+gNWcqKpxnJdUzWNeVSdOLWzR6dRRRXjHuhRRRQAUUUUAQXscskCrBKImEsbFicZUOpYfiAR+NT1V1BIXtUFxIY08+EggdWEilR+LAD8atVC+N/L9S38C+f6BRRRVkBRRRQAV4Z4/wDh3qtnrF3qemwveWdxI0p8sZeMk5II6ke4r3OiuzB4yphJ80Ou5x4zB08XDknpbY+SnjeNirqVZTggjpXpHw+0PzbezWJzFcao0pkuE4eK2jwGCnsWZsZ9BXrt9oOk6l/x/wCnW1x7yRA1i6lpCeHptO1PQ7HMFh5kc9rAPmMUhBYqO5DAHHfmvZq5ssRD2cVZv7tnb8bHjUspeGn7SUrpffur/hc1ofDOi29r9mj0y28rGCGjBz9SetagAUAAYA6Csu18S6LeQiWDVLUg9mlCsPYg8j8am/tvSv8AoJ2f/gQv+NeBKNVv3kz34SpJe60Xq5zx6yx+DrmQ8PHJC8ZxkhhKpBrUOu6QDg6rZA/9fCf40ja5ozDDapYkehuE/wAadNThNT5XoxVXCcHDmWqLFhf2uo2aXNjcR3ELdHjbIzViuV8OyW9z4u1i40badNaOJXeP/VyXA3bivY/LtBI711VTWgoTsiqM3OF2FFFFZGoUUUUAQXskscCtBEJWMsalSM4UuoY/gCT+FT1BeJO8Ci1ba/mxkk/3Q4LD8VyKnqVfmf8AXcr7K/rsFFFFUSFFFFABRRRQB5r8UfAl9r9xFq2kDzpoovLkt84LAEkFffnpXjN1ZXNlMYbuCSGQdUkUqfyNfWFVrvTrO/Qpe2sM6ntIgavbwebzw8FTnG6X3nh4zKIYibqQlZv7j558FWKyXF1qLxJM9mI1t4pBlWnkcJGSPQEk/hXummeFdOsod9zCt7eSDM91cKHeRu/XoPYdKq6l4NsF0e7j0Gzt7K7cpLGyLtBkjbeufbIx+NWdN8Wabdx+XeTpp97GMTWt0wjdG74z1HuKnGYueK9+le3br0/C9/6sXg8JDCe5Vtfv06/ja39XNe1tLeygENpCkMQJISNcAEnJ4qWqP9t6V/0E7P8A8CF/xoOuaSv3tUsh9bhP8a8pwm3dpnqqcErJouSBTGwkwUwd2emK5f4e6jbXPhS1tI7lHuLZCrw5+dF3HbkHnpitr+3tH/6Ctj/4Ep/jWBqF1YX3jDRRoUkM15FI7XMluQwW32EEORxy23A9q3pQbhKEk+9/RMwqzSnGcWu1vVo6+iiiuQ6wooooAr6fHJFptrHNL58iQoryhs7yAMtnvnrViqumLCmkWa2rmSBYEEbsMFl2jB/KrVRT+BFz+NhVbUoxNpV3G8wgV4HUynpGCp+b8OtWaq6n5H9k3n2vd9n8h/N29du05x74oqfAwp/Gi1RRRVkBRRRQAUUUUAFFFFABWJrZxdR/7tbdY+tWtxNNG8ERkGMHHavOzKlUq4aUaau9PzNqMlGabMgtVHU2/wBE/wCBCtI2F9/z6vVe80fULiDYlswOQcmvj6mXY1xaVNnpwrUlJanOM9crM375/wDeP8670+GNUP8AyxrGf4f60zsQsfJJ7/4VhSyrGpu9N/gdscVQX2jd+Fpzb6j/AL6fyNd/XK+BvD11oNpdfbSu+dwQF7AD/wCvXVV91l9KdLCwhNWa/wAzwsXOM60pR2Ciiiu45gooooAKKKKACiiigCrqCwvaoLlzGnnwkEDOWEilR+LYH41aqrqDxR2qG4j8xPPhAAPRjIoU/gSD+FWqhfG/RfqW/gXq/wBAoooqyAooooAKKKKAK9ykrz2hjlCKkpaRScb12MMe/JB/CrFVbtIWurEyyFHWcmIAffby3GP++Sx/CrVRHd/10Rctl/XVhRRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAV7mSVJ7RYow6vKVkYjOxdjHPtyAPxqxUFwk7T2phbaiykzDP3l2MMf99FT+FT1Mb3f9dCpbIKrXUe+4s284R7Ji20n/AFn7txt/XP8AwGrNVbsQG6sfOLBxOfJx0LeW/X227v0pT2+78xw3+/8AItUUUVZAVXeSQalDGIsxNFIzSY+6wKYGffJ/75qxUDrOdQhdWxbiJw656sSm0/kG/Ople33fmVHf7yeiiiqJCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKguPtHn2vkf6vzT5/T7mxsf8Aj23pU9VrqPfcWbecI9kxbaT/AKz9242j88/8BqJ7fd+ZUd/v/Is0UUVZIUUUUAFFFFAFFtD0lmLNpdkWJySbdOT+VA0PSVOV0uyB9Rbp/hV6iq55dyeSPYpf2Npf/QNtP+/C/wCFH9jaX/0DbT/vwv8AhV2ijnl3FyR7FL+xtL/6Btp/34X/AAo/sbS/+gbaf9+F/wAKu0Uc8u4ckexS/sbS/wDoG2n/AH4X/Cnw6ZYW8olt7K3ikXo6RKpH4gVaoo5pdx8kewUUUVJQUUUUAFFFFAFXUHhS1Q3EZkTz4QADjDGRQp/BsH8KtVXvZJI7dWhiErGaNSpGcKXUMfwBJ/CrFQvjfy/Ut/Avn+gUUUVZAUUUUAFFFFABRRRQBTm0fTLiQyT6daSuerPApJ/Eio/7A0f/AKBNj/4DJ/hWhRV+0n3I9nB9DP8A+Ef0b/oE2P8A4DJ/hR/wj+jf9Aix/wDAZP8ACtCij2k+7D2cOyI4YIraFYreJIo16JGoUD8BUlFFRuXsFFFFABRRRQBV1COOW1RZZfKUTwsGI6kSKQPxIA/GrVVdRMC2qfaVZk8+EAL13eYu0/Tdj8KtVC+N+i/Ut/AvV/oFFFFWQFFFFABRRRQAUUUUAFV7nTrK9IN5Z29wR0MsStj8xViimm07oTSaszP/ALA0f/oE2P8A4DJ/hR/YGjf9Amx/8Bk/wrQoqvaT7sn2cOyM/wD4R/Rv+gTY/wDgMn+FWLWws7EMLK0gtw33hDGEz+VWKKTnJqzY1CKd0goooqSgooooAq6ZJFLpFnJbR+VC0CNHHnO1SowPwFWqgsZJpdOtpLmMRTPErSIBgKxAyMexqeoh8CLn8TCq2pSCHSruRoRcKkLsYSOJMKfl/HpVmoL43A0+4NkM3Iibygccvg468dcUT+Fih8SJ6KKKskKKKKACiiigAooooAKKKKACiio57mC1jEl1NHCjOkYaRwoLOwVVye5ZgAO5IHegCSiiigAooooAKKKKACiiigAooooAKKKKAIL2SWOBWt4xI5ljUqRnCl1DH8ASfwqeoLxJ5IFFs+x/NjJOcfKHBYfioIqepV+Z/wBdyvsr+uwUUUVRIUUUUAFFFFAFW7eFbqxEsZd2nIiIP3G8tzn/AL5DD8atVBcSSpPaLHEHV5SsjYzsXYxz7cgD8anqI7v+uiLlsv66sKKKKsg5/WPGmj+H/EMGm67f2OmxT2rTpc3l2kKsVdV2ANjJ+bPXt0qnbfEXRf8AhH9J1LVJHszqNkl6Y44ZLhbaNgPmlkRCI0ycb32qcN6HG22k7vE6av533LNrXydnXLq27Of9nGMd65Q/Di7i0mLTrHXI4oJtGh0bUTJZb2nhj34aI+YPKfE0oyQ45XjjkA2YfHOjy3WswumoQnRrkW07SafMBI5VCBFhT5hPmKAq/M3BAKsrNNa+KrW/1jTbSxjeSK+t7mbzZFaJ4mheJCjRuoYHMvQ4I29OaydY+H51ZdYhe8tGtNRvLe/S3ubDz1SaKOKPa4LgSRMsKgrhTy3zdMXNE8HDSLzS7kHTLc2MF1CYNL077JA5meJtwTe20jysHk5znjGKAK1x4z1G11O+eTRIG0Ww1BLG4vI74mdCyofM8kxgFAZFziTIGSAcYOhf+NtI05r+O4XUBNYwSTvH/ZtwDKseNxiJQLLjcPukgA5PHNUJ/BmoXOpX6TazANFv79L6e0jsiJ2KiP8Ad+cZCuwmJc4jyQSAR1qjB8MVTxNqGqS31qy3sV7EzR2AW6cXLBsSTlzvEYG1BtUBcDnGaAN1PGukG30+aVdRt49QCGJ59LuURCzbFEjmPbGS3A3EZyCOCCZR4w0YxXsqy3JisZPKkkFjOUeTeU2RNsxM28Fdse45461zOqfDS71m60y51HVdOmnsoraNpG0ksU8iYyhrfdMfJZwQjn59wVcbcVLqHw3l1U6r9tvtP8q8uIriK0i0w/ZjIkpkLzwtKyys/Csy+WWA9dpUA2R460d9S0uyhTUZX1MyCJk06fEbIwVllymYyCeQwGOpwMGtDUPEWnaZqdtp9y1y93dDckVtZzXBVchdz+WrCNcnG5sDg88HGNp/g6bTf7Geyl0iyk06WUyxWGkmC3ljkxuCxiU7Hwo+Yswzn5T2svoOsr4hg1i11eyjne2S1v0k093SZEkZ1MYEwMbfvHGSXHI445ALFl4v0a/uIoraa4/f3BtoZJLKaOOaQK7EJIyBXG2NzuUkHHB5GdOwv7bVLGO8sZPNt5M7H2kbsEjPPbI69645/h/fSabqkK63BZXF1NFcWbafYtDDZSo7OZFiaVsu+7DkFQ2M4BJJ7HT7G30vTLXT7KMR21pCkEKD+FFAVR+QFAFiiiigAooooAq3ccb3Ni0kuxo5yyL/AHz5bjH5En8KtVVuzALqxEysXM5EJHRW8t+T7bd35irVRHeXr+iLlsv66sKq3ciJc2SvCJDJOVRj/wAsz5bnd+QI/wCBVaqC4adZ7UQLlGlImPomxjn/AL6C/nRPb7vzCG/3/kT0UUVZAVVkjQ6tbymUCRYJVWLH3gWjy34YA/4FVqqshg/te3DK32gwSlD2C7o93452/kaie3zX5lw3+/8AItUUUVZAUUUUAFcv4/vJI/D8em2ttNeXOrXCWa20BQSSxnLzAF2VQfJSTksBnFdRRQB5GvidtM8N6Rolzr8vhPULPUG04x3k1pxBGFdTKXEik+Q0WAjZLSDnGSN4eMph4ttdCfU4/tx1+WCWz2p5gtPsskiErjIUkIQ3fpnqK76igDx268T+J7bwV4Sup/E8Nq+uWP2641PUJ7eyihkMURS3VzbSJht8jYZdx8s4cAbT0HxDeK88F6BJrlzocSS31u1xPexi4sATG5JIZk3Jnplh2NehUUAeMadqVxpOm2FzowimfT9F10Wc0ETPDKq3drtlijHPlY5VASNoADMMMbeo64bqBNvi83+k2ur2ph8QbbdvJLRS+au9EEJ2AK24qQu/5sgV65RQBz/gnUrnVfC8dzd3f2//AEieOG92Kv2qFZnWOXCgL8yhTlQA33gMEV0FFFABRRRQAUUUUAFVbsQG6sfOLBxOfJx0LeW/X227v0q1Va6kRLmyV4RIZJyqsf8AlmfLc7vyBH/Aqie3zX5lw3+/8izRRRVkBRRRQAVzWk+M4NSutZSSzmii04l4niVp2uog7xl1RF3H54pAFXdkBT/FiuguUmktJktZVgnZGEcrJvCNjhiuRnB5xkZrjIPhsNJgjbwzrd9YXq6bLYG4up5rwDeFxIqSS7UKuu4BcDkigDd0/wAYaLqcUMlpcy4mhuJkWW1libZbuscxKuoIKu6jBAJzxnBpq+NNBe4eFLyRjHbLdyMLWUpHEy7lZ327V3DoCQTggAkEVkzeCtUax01LXWLCzurGzuNPLwaY/lG2m8vIWNpiVceSmGLMOuVOalbwDFL4e1TSbi+3x6hZW9qX8gfIYowgYqSQwJAO0/SgDd03XbLV7Ge5sDMRAxSSK4t5LeRGChsMkiqy5BBGRyCCK5/w/wCNtQv00yXXNEjsINWsfttlLZ3bXe4BA5jdfKRg+05AUMDhhnIGdHwx4ZHh/Sbm08jRYGncsf7H0r7DGRtA+ZPMfc3vkcYGOKx9O8A6imkW2n6x4gWdNP0xtPsGsLM2ph3ReWZmJkctIFA2kFQMtwcjABfuviJodtaxTmPVpA92tm0SaRc+dG7LuG6IxhwCCMHHPbODWrB4i0+4119HU3Ud4qswE9lNEkgUjdskdAkmNw+6T61ymlfDW40fTLiOwv8ASrS6e+gvYfsmjmG1iaJAmDCJstuAJJ3g5OenFW9L+H/9nePpPEhvLOQs1w3FhtuZPOYHbJcbyXVNu1F2jC4HOM0ATReN/N+IN34a26TF9lkCFZdUK3kwMCzbo7YRHeBuxnf/AAse2KvJ430NrG4umlvIhbPHHJDPp1xFOWkOECwtGJG3HIG1TnB9DVq10L7Pd67N9rkH9rzLLmIbGgxBHDw2Tk/u92cDGfauQ0b4Wz6LaTGy1PTba9821mge00jyYVeAOCZI/NJkLq7BjvU55z2oA6CLx7osmrXNhIuoWptbFb+a4u9OnghjiIc5ZnUbcBDndj0GSGAcvj3w8bCW7a5uolimSBoZdPuI597jKAQsgkO7opC4Y5AyRiquo+Dr7V5bx7/VoAdR0oade/Z7IoSVMjJJFukbZgynKtvzgcjnKw+Dr2a//tLWdWgudQNzbSNJbWZhjMcG/YgQyOQSZXJbceo4GKANe38S6VdNAsVw4e4ums443gkR/OVGkZSrKCuFUnJAH5itWuWtfDk6fEy/1plKWLWqGJSVIe6YbJJAAcjEUUK8j1rqaACiiigCC8Sd4FFq21/NjJJ/uhwWH4rkVPVXUI0ltkWWXylE8LBj3IkUhfxIA/GrVQvify/Ut/Cv67BRRRVkHOeOtWOleGWWJ7hJ76aOziNpFJJMu8/OyLGCxZYxI4wCfkrndM8Ta3ceFdHt9Gu421Rb1tNmj1bT5jLOIzzKwLxtH+6AkJYHO5RjJGfQJbW3nmhmmgjklt2Lwu6AtGxUqSp7EgkcdiRWdqHhTw7q8xl1XQdMvpDJ5pe5s45CX2qu7LA87UQZ9FUdhQBjr4uujqlpaMtqDNr8umMuDu8pLeSUEc/eyq89MHpyDXPJ428ZXHh3w09lZ2V5qniCxbUkS1tAUgiWOE+WVluotzEzA7g/ABGw8sO/Ph/RjrJ1c6TY/wBpnBN79mTzjhdo+fG7hTjr04pl74a0LUtLt9N1HRdPu7C12iC1ntUeKHau1dqEYXA4GBwOKAMjxRBqur+H9LFvusrt5kmudMXUmtZLgCJy1us8RyGViGypw3l4JCkkYWlzWvjK+8q51bV7XT7bRbW4tY11B7Wcl2lWSaV4nHmEeWo6lAcnncDXc32h6Tqmmpp2paXZXlim3Za3FukkS7eFwhGBjt6VDqXhjQNYt7eDV9D02/htRtt47q0jlWEYAwoYHbwB09BQBzXgzVtQ1K/0p7+7ln87QllZj8qzN5uBNsHALLg8DvxxU+v2EWq+NDbX2p6jYWsGkNOHs9SltVjbzMeYdjBWwP74I9RitVfA/hcR2ySaDYXC2jFrX7TAs32bLbtsRfPlqD0VcKuAAABVvU/Deh61cw3GsaNp+oT2/wDqZbq1SVo+c/KWBI554oA4Cy+IHiAJ4ZLRx3cV1Dpyak7WIj2yXLbA+8zqQT97YsL46EjORPb+JvFlv4XWSW+s9Q1W41q9tLdIdJGDHBNOrAhrqNRhYshi4wo2nex3Hurvw/o1/qkGpX2k2NzfW+BDdTWyPLFhtw2uRkYPIwevNQ3XhXw9exXEV7oOmXEd1MJ7hJbONxNKBgOwI+ZsHGTzQB5/B4112eR/EFrPZx2x0DStSuNNnDyFvOaYukOHUIxGBuIbJCAitUeNfEEviy+0/T7KC9tmhvl04vAtuJbi3IUx7zOzMN5KFjFGO4JHXrn8M6DJPaTyaJpzy2IQWsjWkZa3CfcCHHy7e2MY7U2Twt4flvbq8l0LTHubxDHcztZxl50IwVdsZYEcEGgDirnxx4mdbDTdEtItS1iRLmS7UaesHlGFo1MXlS3a4OZRmRZHHQqrBgR6NbySS2sUk8JgldAzxFgxQkcrkcHHTIrKl8H+GZ9Kg0ybw7pMmn27l4bR7GMxRMc5KptwCcnkDua2ERY41SNQiKAFVRgAegoAWiiigCvfSGO3VlhExM0S7SM4zIo3fhnP4VYqC8+0eQv2TiTzY85x9zeN/X/Z3VPUr4n/AF3Kfwr+uwUUUVRIUUUUAFcr8RJZ4vDMAtlvnaXUbSJotPuTbzSq0yhkWQOm0kHH3l+tdVUc9vBcqq3MMcyo6yKJFDbWU5VhnuCMg9qAPL7fxV4is9G0zTfDtrNfX17PqEiJeFbqW2igmCCCQyXEO6QeYoLeY5Gw43j561rnxjr8WpzM0OnWlvZ3Gnw3NhKrSXJN0Y1KrIrhQys7Y+Vg+MfLjJ6u/wDDWharbtBqmi6dewvN9oaO5tEkVpcbd5DA/NjjPXHFV4PB+hwa42r/ANnW0l4CnkSSQITahUCARHblBtUZwaAOY/4TfWki/tE/2bLZXa6gttbRxP5tu1t5mGkfeQ4PlEMAqbS4GTjJmi1LxZJ4n0OG81TTBaXukXd7cW0GnuuSj24AEhmyCBNgNgDhiVO5dnVx+HtFivru9i0ewS7vUKXU62qCS4U9VdsZYHHQ5qa40nTruS1e60+1mezO62aSFWMBxjKZHy8ccUAee6b4z8QNpOn3UK6eLG3s9Ke5jlWaSab7UUVgsjSfLtySC28t0OPvHV8MeJ/EOveLZ4ZIIY9Iha7SQ/2ZOhRop/KiC3DOEm3qGclEIXbtJyQa6xNH0yODyY9OtFi2xr5awKF2x/6sYx0XA2+nauf0P4daToPiq51+1lme6uDMSGht0x5r72zIkSySc9PMd/XrzQBmXuo3sHii68JrfzrcahqMF5ayeaxeOzILzKD1A3W8qcH5RNGOOM56+M/Ex+z2HhrR/wC0LlFubiVGZZPMVbqWJUDzXKMn3OWHmBdwwgAAPpDWVq98l61tC13HG0SXBjHmKhIJUN1AJAJHsKo33hbw/qkMMWp6Fpl5Hbs7wpcWccgjZzlioIOCTySOpoA5bUfiHPo+rXcGpQQrb6bPM1+6qdyW5jRoGHOMs0qoSeCUfArtNLkvJdHs5NTSOO9eBGuEjBCrIVG4AEkgZz1Jplzo2mXjzveabaXDXCokzSwKxlVG3IGyOQrEkZ6E5FXaACiiigCCxSaPT7dLtxJOsSiVwc7mwMn86nqrpkccOkWcdvJ5sSQIqSYxvUKMH8RVqoh8CLn8TCq+oRtLpl1GkwgZ4XUSk42Eqfmz2x1qxVXU1gbSLxbt2SAwOJWXqq7Tkj3xRU+BhD40WqKKKsgKKKKAOK+JP9i7PDf/AAlH2D+yv7ZH2j+0dnkY+y3GN2/5fvYxnviuP1DX5vD3hSb/AIRzUzpWmTapcf2TcyXMUFubdYVbYjywTblaXzPKRFAZR8rBQM+y0UAeS6x4qub2G+tb3WY5ft3h2SVNMsZIG8hjaGR2uIyvmoDn5GD7TkAgHBdNZvNRstNl03VNflkitZtHvFv5LeJTaCWdg+Aqhdi+VuBcNjJ3FgK9booA8rbxdcfYrGO/8ZHTtIknvhF4lKWw+1+UyCFNzRmH5g8vKqC32f5cZOYH8ca8viLwxDd3q2NzdQ6f9t0yeWKMzNOSJGjgMJlIXnLecoVhjBwQfW6KAPMv7d1SDRNNvda8Wy6ba6nqE8U9+0VtGlkkfmiNEZ4yq7iigtJuyQQu3cAJPCg/tjS/CmlTfvYreKbUrxXhKbsO0cSsjcrlnZ8HkGHBr0mq8dhbRahPfJHi5uI0jkkLE5VCxUYJwAC7Hj+8aAPJ5Xlbw9rWlSp5n/CE6RfQ4uIRIju0brbEh8h/9GGWBBH73ByOuhq3izUbLVPEUFprn2m4ttMkubOzsDbzLaCOOMsZotnmpJuLFeWRgegOBXqFFAHl+uePTcQ6lJoviCFLL+0oLW11GK7t4bWIG3aRy9w8MqbCylchWO8qmRzjOstbu9Uk0zVrvyZbq8sPD7Ss8KsCXv5QzAMuAeSQQAQeRggY9hooA8nPjKR/D2t3th41+2INSitreSS7sofsCbipeeQW7LEjlXC742JCpyCxwzTNd1DUpNDvtV8SSIt9ol6BaboDb300ThejRDexX5jtC9OAqllPrdFAHlEHivUUubC3TW1s71BpsdnoawQhdRhlWPzZQu3fgbpRmMqqeTkjANbPhvV9bm16xmv9XkurbULrUrf7G0ESJCIJ2WNlZVDltqEHcxBz0BFd9RQAUUUUAFFFFAFXUI45bVFmk8pRPCwbHVhIpUfiQB+NWqq6g0C2qG6VnTz4QAvXd5i7T9A2DVqoXxv0X6lv4F8/0CiiirICiiigAooooAguEnae1MDbUWUmYf3l2MMf99FT+FT1Vu40e5sWeXy2jnLIuP8AWHy3GPyJP4VaqI7v+uiLlsv66hRRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAV7mQpcWaiESB5ipYjPl/u3O726Y/4FVioLgXHn2vkHEfmnz+nKbGx/49t6VPUR3f8AXQqWyCq9zHI9xaNHL5apMWdc48wbGG335IP4VYqrdrC11YmZyrrOTEAPvt5bjB/4CWP4UT2+78xw3+/8i1RRRVkBVd5CNUgj8kENDI3m45XDJ8uffOf+A1YqB/tH9oQ7P+Pbyn8zp9/KbffpvqJ7fd+ZUd/vJ6KKKskKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqC4adZ7UQLlGlImPomxjn/AL6C1PVe5jke4tGSXy1SYs67seYPLcbffkg/hUy2+78yo7/eWKKKKokKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAq6gYBap9qVmTz4QAvXd5i7fw3Yq1Va+kMdurCETZmiXaRnGZFG78M5/Clj1Czlmkhiu4HliyZEWQFkx1yO1Z8yU9X2/U05W4aLv8AoWKKqrqdg9s9yl7bNBGcPKJVKqfQnOB1FD6nYR26TyXtskMnCSNKoVvoc4NP2kN7oXs59i1RUEl/aRXEcEt1Ak0gBSNpAGfPTA6mhL60kumto7qF7hPvRLICy/UdafPG9ri5JWvYnoqrHqlhNDJNDfW0kUX+sdZlKp9TnihtTsFtVuWvbYW7ttWUyrsY+gOcZ4P5UvaQ3uh+zntYtUVXk1CyieJZbuBGmAMQaVQXz0xzz+FKL60N4bQXUJuRyYfMG8cZ+716c0+ePcXJLsT0VWj1KxmWVor23cQjMpWVT5Y9W546HrSf2nYfZftP262+z7tvm+cu3PpnOM0vaQ7ofs59i1RVaTUrGFImlvLdFmGYi0qgSD/Z556jp60431ot2LVrqEXDciEyDeeM/d60c8e4uSXYnoqumoWcskscV3A7w5MqrKCUx1yM8fjTV1Owe1e5S+tmgQ7WlEylVPoTnA6j86PaQ7j5J9i1RVWTU7CKCOeW+tkil/1cjTKFf6HPNPe+tIrpLaS6hSdxlImkAZvoOpo54dw5JdieioEvrSW5e3iuoXnjBLxLICy49R1FMj1Owlt5J4r62eGP78izKVT6nPFHPDuHJLsLfx+ZbqpmEGJom3E4ziRTt/HG38as1n3d3p9xZQO9ykkMtxEImicHe4kBAHryOfYGtClFpybXZfqOSaik+7/QKKKK0MwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAKumNA2kWbWiMkBgQxK3VV2jAPvirVV9PkaXTLWSSHyHeFGaIDGwkD5cdsdKsVFP4EXP42FVdTkjh0i8kni82JIHZ48/fUKcj8atVBfPPFp9w9om+dYmMSkZ3MAcD86J/Awh8SJ6KKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCvfSNHbqyQiYmaJdpGcAyKC34A5/CrFQXguDAv2Q4k82PPT7m8b+v+zuqepXxP+u5T+Ff12CiiiqJCiiigAooooAjlgjmkheQZaFy6c9DtK/yY1DHaTJDIjahcyM/3ZGWPMf0wgH5g1aoqXFN3KUmlYqm0mNqsQ1C5DhsmYLHvYeh+Tbj8O1OktpXaIrfTxiMDcFWP959cqf0xViilyL+mx87/pIg+zyfbPO+1zeX/wA8MJs6eu3d79abHazIJd1/cSeYMKWWP937rhR+uelWaKORf02Lmf8ASRVFpN9lMX9oXJfdnztse4D0+5tx+GaWS1mdIlW/uIzGPmZVjzJ/vZQj8sdas0Uci8/vY+d/0kQNbyG7Ewu5lQdYAE2H8du79aRLaVJZWa9ndXztRljxH9MKDx7k1Yop8q/psXM/6RVW0mW1eI6hcs7HImKx7l9hhNv5g9aJLSZ7eONdQuUZesqrHuf65Qj8gKtUUuRef3sfO/6SIHt5XuUlW8mRFAzCoTa/1ypP5EUJbyJdPK13M6MOIWCbV+mFB/Mmp6KfKr3/AFYuZ2sVY7SZIJI21C5kZ+kjLHuT6YQD8waGtJmtUiGoXKupyZgse5vY/Jt/IDpVqilyLz+9j53/AEkV3tpXkiZb2dBHjcirHiT65Unn2xSi3kF2ZjdzGM9ICE2Dj127v1qeinyr+mxcz/pFaO1mRJQ1/cSGQYVmWPMf+7hB+uelJ9km+y+V/aFzv3Z87bHux6fc24/DNWqKXIvP72Pnf9JFZrMvLau9zMxt8nHygSHaVy2B7ngYHt0qzRRVKKWxLk3uFVbt4kurESx73eciI5+43luc/kGH41aqC4klSe0WKMOjylZWIzsXYxz7chR+NTPb7vzKhv8Af+RPRRRVkBUEtt5l5DcCaWMxBl2KRtcNjqCD/dHTFT0Umk1ZjTa1RXjtpUmkdr2eRXztjZU2x/TCg8e5NNW0mW2eI6hcs7HImKx7k9hhMfmD1q1RU8i/psrnf9JFV7SZ7dI11C5R16yqse5/rlMfkBT5LeV7iORbyeNVAzEqptf65Un8iKnoo5F/TYc7/pIgS3kW6aVryZ0bpCwTav0wu78zTI7SZIZEbULmRn+7Iyx7k+mEA/MGrVFHIv6bDnf9JFVrSY2qxDULlXVsmYLHvYeh+Tbj6DtTpLaV3iK3s8YjA3Kqx4k+uVP6YqxRRyL+mw53/SRALeQXhm+1zGM/8sMJsHHrt3e/Wmx2syLKGv7iQyDCllj/AHfuuEH656VZoo5F/TYuZ/0kVfsk32Xyv7Qud+7PnbY92PT7m3H4ZpZLWZ0iC39xGYxhmVY8yf72UP6Y61Zoo5F5/ex87/pIgNvIbsTC7mEY6wAJsPHrt3frSJbSpJKzXs7iTO1GWPEf0woPHvmrFFPlX9Ni5n/SKq2ky2rxHULlnY5ExWPcvsPk2/mD1oktJngjjXULmNk6yKse5/rlCPyAq1RS5F5/ex87/pIge3ke6SVbuZEUcwqE2t9cqT+RFCW8qXLyteTOjA4hYJtT6YUH8yanop8qvf8AUXM7WKsdpMlvJG2oXLs3SVlj3J9MIB+YNAss/ZjPcSzPbSGRXfaCxKsvO0AdGPQCrVFLkj/THzsKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCCxFwNPtxenNyIl80jHL4GenHXNT1W02MRaVaRrMLhUhRRMOkgCj5vx61ZqIfCip/EwqC/SWXTrmO2kEUzRMschOArEHBz2wanqrqaRS6ReJcyeVC0DiSQDO1SpyfwFE/gY4fEi1RRRVkBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVr+MS2yK0whAmibcT1xIp2/jjH41ZqrqHkfZk+1btnnw429d3mLt/DdirVQvjfy/Ut/Avn+gUUUVZAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQXCTtPamF9qJKTMM/eXYwx/30VP4VPVW7jje6sWkk2NHOWjXH328txj8iT+FRPb7vzLhv9/5FqiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAq6Z5H9kWf2Td9n8hPK39du0Yz74q1VbTZBLpVpIsIt1eFGEI6RgqPl/DpVmop/AvQup8bCquptCmkXjXSGSBYHMiKcFl2nI/KrVIyhlKsAQRggjrTkrxaFF2kmLRVaO1mSOVWv7iQyD5WZY8x/TCAfnnpSG0mNqIv7QuQ4bPnbY95Hp9zbj8KXM+z/D/MfKu/5/5Fqiq0lrM/lbb64j8sANtWP957tlT+mKd9nk+2ed9rm8v/nhhNnTHXbu9+tHM+35C5V3/MnoqvHbSoZd19cSeYDtDLH+7/3cKP1zTRaTC1MR1C5LlsiYrHvA9PubcfhRzPt+X+Y+Vd/z/wAi1RVWS0meKNF1C4jZPvOqx5k+uUI/ICntbyNdLKLyZUHWABNjfUld360cz7fl/mHKu/5k9FV47aVJ5Ha9nkVwdsbKm1PphQePcmmpaTLbPEdQuXdjkTMse5PphMfmDRzPt+X+Ycq7/n/kWqKqvaTNbpGuoXKOp5lVY9z/AFymPyAp8lvK88ci3k8aoBujVU2v9cqT+RFHM+35f5hyrv8An/kT0VAlvIt00rXkzoekLBNi/TC7vzNMjtJkhkRtQuZGf7sjLHmP6YQD8waOZ9vy/wAw5V3/ADLVFVTaTG1WIahchw2TMFj3sPQ/Jtx+HanSW0rtEVvp4xGBuCrH+8+uVP6Yo5n2/L/MOVd/z/yLFFQfZ5Ptnnfa5vL/AOeGE2dPXbu9+tNjtZkEu6/uJPMGFLLH+791wo/XPSjmfb8hcq7/AJlmiqotJvspi/tC5L7s+dtj3Aen3NuPwzSyWszpEq39xGYx8zKseZP97KEfljrRzPs/w/zHyrv+f+RZoqBreQ3YmF3MqDrAAmw/jt3frSJbSpLKzXs7q+dqMseI/phQePcmnzPt+QuVdyxRVVbSZbV4jqFyzsciYrHuX2GE2/mD1oktJnt4411C5Rl6yqse5/rlCPyApcz/AJX+H+Y+Vd/z/wAhb+RYrZGaETAzRLtPYmRQG/DOfwqzUElvK9ykq3k0aKBmJQm1/rlSfyIqehX5mwduVIKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt20AurETKzO05EJHRW8t+T7bdw/EVaqvcyMlxZqsIkDzFWbGfLHlud3tyAP8AgVRPb7vzLhv9/wCRYoooqyAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAILE3B0+3N6MXJiXzQMcPgZ6cdc1PVfT42i0y1jkm890hRWlBzvIA+bPfPWrFTD4UVP4mFFFFUSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQXAuDPa+QcRiU+f05TY2P/HtvSp6rXUYe5smMwjMcxYKT/rP3bjaPzz/AMBqJ7fd+ZUd/v8AyLNFFFWSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBV0xYF0izW0dngECCJm6su0YJ98Vaqrpkkc2kWclvH5UTwIyR5zsUqMD8BVqop/Ardi6nxsKKKKsgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKq3fkfabHzt2/zz5OOm7y36+23d+lWqrXUipc2StCJDJMVVj/AMsz5bnd+mP+BVE9vmvzLhv9/wCRZoooqyAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAILF5pNPt3u0Ec7RKZUAxtbAyPzqeoLGOaLTraO5kEsyRKsjg5DMAMnPuanqYX5VcqfxOwUUUVRIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVBcG4E9qIBmMykTHjhNjY/8AHttT1XuY3e4s2WYRhJizLnHmDy3G335IP/Aaie33fmVHf7yxRRRVkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVdMSKLSLOO2k82FYEWOTGNyhRg/iKtVV0xoX0iza1QxwNAhjRjkqu0YH5VaqKfwK3Yup8bCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt2sLXViZnZXWcmIAfeby3GD/wHcfwq1VW7kiS5sVkj3s85WNs/cby3OfyBH41E9vmvzLhv9/5FqiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAr6fJJLptrJNF5EjwozxBcbCQMrjtjpVioLFZ00+3W8bdcLEolYd3wMn86nqYfCrlT+JhRRRVEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUFw8yT2ohQMjylZTj7q7GOf8AvoKPxqeoLhJnntTFIERJSZQTjeuxhj3+YqfwqZXtp5fmVHcnoooqiQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAK2mxpDpNpHHMJ0SBFWUfxgKMN+PWrNVdMMB0izNoGFv5CeUG6hdoxn3xVqop/AvQup8bCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqt2kT3Vi0smxknLRrj77eW4x+RJ/CrVVbtoVurETIzO05ERB+63lucn/gIYfjUT2+a/MuG/3/AJFqiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAradJ5ul2knkiDfCjeUBgR5UfLj26VZqCx+0f2fb/AG3/AI+fKXzsY+/gbunHXPSp6iHwoqfxMKKKKskKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKr3MjpcWipD5ivMVdtufLGxzu9uQB+NWKguFnM9qYGwglJmHqmxv/AGbbUy2+78yo7/eT0UUVRIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFfTozFpdrGZhOUhRTKDkSYUfNn361YqrpggXSLMWjM1uIEERbqV2jGffFWqin8CLn8bCiiirICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoqpZ6nbX9xcRWrM5tyFkO3ABPbmrdTGUZK8XcqUXF2kgoooqiQooooAKKKKACiiigAooooAKKKKACiiigAqtdRq9zZM0wjMc5ZVP/AC0PluNv5En/AIDVmopbdJpIHfO6BzImD32lf5MamSuvuKi7MloqtHaTJHKrX9xIZB8rMseY/phAPzz0pDaTG1EX9oXIcNnztse8j0+5tx+FLmfZ/h/mPlXf8/8AItUVWktZn8rbfXEfljDbVj/ee7ZU/pjrTvs8n2zzvtc3l/8APDCbOnrt3e/Wjmfb8hcq7/mT0VWjtZUMpa+uJPMBChlj/d+4wo/XNILSYWrRHULkuWyJise4D0+5tx+GaOZ9vy/zHyrv+f8AkWqKqyWkzxRouoXEbJ951WPMn1yhH5AU97eRrpZRdzIg6wgJsb65Xd+tHM+35f5hyrv+ZPRVdLaVJ5JGvJ3VwdsbKm1PphQePcmmpaTLbPG2oXLux4lZY9yfTCY/MGjmfb8v8w5V3/P/ACLVFVXtJmtkjXULlHU8yqse5/rlMfkBT5LeV545FvJ41QDdGqptf65Un8iKOZ9vy/zDlXf8/wDInoqBLeRbppTdzOh6QkJsX6YXd+tMjtJkhkRtQuZGf7rsseY/phAPzBo5n2/L/MOVd/zLVFVTaTG1WIahchw2TMFj3Een3NuPwzTpLaV2iK31xGIwNwVY/wB5/vZU/pijmfb8v8w5V3/P/IsUVB9nk+2ed9rm8v8A54YTZ09du73602O1mTzd19cSeYMLuWP937rhR+uelHM+35C5V3/Ms0VVFpN9lMX9oXJfdnztse4D0+5tx+GaWS0meOJVv7iMxj5mVY8yfXKEfljrRzP+V/h/mPlXf8/8izRUDW8huxMLuZUHWABNh/Hbu/WkjtpUlldr2eRXztRlTEf0woPHuTT5n2/IXKu5YoqqtpMtq8R1C5Z2ORMVj3L7DCbfzB60SWkz28ca6hcoy9ZVWPc/1yhH5AUuZ/yv8P8AMfKu/wCf+RaoqB7eV7hJFvJ0RQMxKqbX+uVJ/IihLeRLp5Wu5nRhxCwTav0woP5k0+Z32/IXKrbk9FVY7SZIJI21C5kZ+kjLHuT6YQD8waGtJjarENQuVdTkzBY9zex+Tb+Q7UuZ/wAr/D/MfKu/5/5Fqiq8ltK8kTLezxhANyqseJPrlSefbFKLeQXhmN3MYz/ywITYOPXbu/WnzPt+QuVd/wAyeiq0drMiShr+4kMgwrMseY/93CD9c9KT7JN9l8r+0Lnfuz522Pf9PubcfhS5n2f4f5j5V3/P/ItUVWktZnWILf3EZjGGKrH+892yp/THWnG3kN4JvtcwjH/LDCbDx67d3v1o5n2/L/MXKu/5k9FV47aVHlLX08gcHarLHiP6YUfrmmraTC1aI6hcs7NkTFY96j0HybcfUd6OZ9vy/wAx8q7/AJ/5FqiqslpM8EaLqFzGyfekVY9z/XKEfkBT3t5HullW7mRF6wqE2t9cru/I0cz7fl/mHKu/5k9FQR28qXEkjXk7owOImVNqfTCg/mTTEtJkt5I21C5dm6Ssse5PphMfmDRzPt+X+Ycq7/n/AJFqiqrWkzWyRDULlXU5MwWPc/scpj8gOlOktpXmidb2eNUxujVUxJ9cqTz7EUcz7fl/mHKu/wCf+RYoqBbeRbtpjdzMh6QEJsH47d360yO0mSOVW1C4kLj5XZY8x/TCAfmDRzPt+X+Ycq7/AJlqiqptJjaiL+0LkOGz522PcR6fc24/DNLJayv5W2+uI/LADbVj/ee7ZU/pijmfb8v8w5V3/P8AyLNFQfZ5Ptnnfa5vL/54YTZ09du73602O1lQy7r64k8wEKGWP937rhR+uaOZ9vyFyrv+ZZoqqLSYWpiOoXJctkTFY9wHp9zbj8M0SWkzxRKuoXEZT7zqseZPrlCPyAo5n/K/w/zHyrv+f+RaoqBreRrtZhdzKg6wAJsb6kru/WkjtpUmkdryeRXztjZU2p9MKDx7k0+Z9vyFyruWKKqpaTLbPEdQuXdjkTFY9yewwmPzBoe0ma3SNdQuUdTzKqx7n+uUx+QFLmf8r/D/ADHyrv8An/kWqKge3le4jkW8nRUA3RKqbX+uVJ/IihLeRbppWu5nRukLBNi/TC7vzNPmd9vyFyruT0VVjtJkhkRtQuZGf7sjLHuT6YQD8waGtJjarENQuVcNkzBY9zD0PybcfhnilzP+V/h/mPlXf8/8i1RVeS2ldoit9cRiMDcFWPEn1yp/TFKLeQXhm+1zGM/8sMJsHHrt3e/WnzPt+QuVd/zJ6KrR2syLMGvriTzBhSyx/uvdcKP1z0pPsk32Xyv7Qud+7PnbY9+PT7m3H4UuZ9vy/wAx8q7/AJ/5Fqiq0lrM6RKt/cRmMYZlWPMn1yh/THWnNbyG7Ewu5lQdYAE2H8du79aOZ9vy/wAxcq7/AJk9FV47aVJJWa9nkD52oyx4j+mFB49801bSZbV4jqFyzsciYrHuX2HybfzB60cz7fl/mPlXf8/8i1RVWS0me3jjXULmNl6yqse5/rlCPyAp728r3KSreTIigZhUJtb65Un8iKOZ9vy/zDlXf8/8ieioEt5UuXla8mdGBxCwTav0woP5k0yO0mS3kjbULmRm6Ssse5PphAPzBo5n2/L/ADDlXf8AP/ItUVVa0ma1SIahcq6nJmCx7m9j8m38gOlOktpXkiZb2eMJjcirHiT65Unn2xRzPt+X+Ycq7/n/AJFiioFt5BdmY3czIekBCbB+O3d+tNjtZkSVWv7iQyDCsyx5j+mEH656Ucz7fl/mHKu/5lmiqv2Sb7L5X9oXO/dnztse/Hp9zbj8KWS1mdYQt9cR+WMMVWP977tlT+mOtHM+35f5hyrv+f8AkWaKgNvIbwTfa5hGP+WGE2Hj127vfrSR20qNKWvriQSA7Qyx4j+mFH65o5n2/IXKu/5liiqq2kwtWiOoXLOWyJise5R6D5NuPwzzRJaTPDGi6hcxsn3pFWPc/wBcoR+QFHM/5X+H+Y+Vd/z/AMi1RUD28jXSyrdzIi9YVCbG+uV3fkaEt5UuJJGvJ3VwdsTKm1PphQfzJp8zvsLlXcnoqqlpMtu8bahcu7HiVlj3J9MJj8waHtJmtkiGoXKOpyZgse5/Y5TH5AUuZ/yv8P8AMfKu/wCf+QaZIk2k2kkMXkxvAjJEP4AVGB+HSrVIBhQCSSB1PelpxVopCk7tsKKKKokKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA//9k=)We are going to follow below setup: -

# **Visualizations in Power BI**

Once the data is prepared in Azure, it is connected to power BI and below visualization is allowed for further analysis and interpretation.

* Proportion of guests coming from different countries
* Average cost of room per night with insights on their variation according to hotel types
* Average cost of room per night’s trend over months
* Busiest months of hotels with respect to months
* Preferred number of days to stay in a particular hotel
* Bookings by market segment
* Proportion of cancelled bookings with respect to month
* Monthly proportion of booking cancellations



Team Structure